ERCB ST 91-18

ERCB

Alberta's Reserves of crude oil, oil sands, gas, natural gas liquids and sulphur

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December 1990

ENERGY RESOURCES CONSERVATION BOARD
RESERVE REPORT SERIES ERCB-18

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81-E	Alberta's Hydroelectric Energy Resources
88-E	Alberta Oil Supply, 1988-2003

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HIGHLIGHTS

RESERVES	1990	1989	Change
Conventional crude oil			
Remaining established (10^6 m^3)	510	560	– 50
Initial established (10^6 m^3)	2 256	2 253	+ 3
Crude bitumen (developed surface-mineable projects)			
Remaining established (10^6 m^3)	467	482	– 15
Initial established (10^6 m^3)	644	644	-
Crude bitumen (developed in situ projects)			
Remaining established (10^6 m^3)	57.4	60.2	– 2.8
Initial established (10^6 m^3)	102.9	97.9	+ 5.0
Natural gas[a]			
Remaining established			
Volume (10^9 m^3)	1 647	1 650	– 3
Energy (10^{18} J)	63.4	63.5	– 0.1
Initial established			
Volume (10^9 m^3)	3 287	3 199	+ 88
Energy (10^{18} J)	126.42	123.16	+ 3.26

PRODUCTION			
Conventional crude oil (10^6 m^3)	53.1	53.8	– 0.7
Crude bitumen (surface-mineable) (10^6 m^3)	15.0	15.0	-
Crude bitumen (in situ) (10^6 m^3)	7.8	8.2	– 0.4
Natural gas[b]			
Volumes (10^9 m^3)	90.1	85.8	+ 4.3

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a Volumes are on an actual heating value basis.

b The official net production of natural gas is reported in ERCB ST 91-17 (see Chapter 4, Section 4.7 of this report).

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PREFACE

This is the principal report of the Energy Resources Conservation Board on Alberta's reserves of conventional crude oil, bitumen, synthetic crude oil, gas, natural gas liquids, and sulphur; it includes estimates of initial and remaining established reserves and ultimate potential. It is updated annually from the Board's records, and this edition reflects changes that have occurred to the end of 1990.

The information in Tables 2-6 and 4-5 and more detailed information on the reserves of gas pools is available on magnetic tape at a cost of $400 and $1000, respectively. The gas reserve details are also available on COM-microfiche (ERCB ST 91-35) at a cost of $250. To obtain copies of the magnetic tapes or ERCB ST 91-35 contact the ERCB's Information Services, main floor, Energy Resources Building (297-8190).

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The Board gratefully acknowledges the work of these staff members and many others in preparing this report.

1 TERMINOLOGY

1.1 SI Units

Alberta's Reserves of Crude Oil, Oil Sands, Gas, Natural Gas Liquids, and Sulphur are presented in the International System of Units (SI). The provincial totals and a few other major totals are shown in both SI units and the imperial equivalents in the various tables.

Conversion factors used in calculating the imperial equivalents are listed below:

1 cubic metre of gas (101.325 kilopascals and 15° Celsius)	= 35.493 73 cubic feet of gas (14.65 psia and 60° Fahrenheit)
1 cubic metre of ethane (equilibrium pressure and 15° Celsius)	= 6.33 Canadian barrels of ethane (equilibrium pressure and 60° Fahrenheit)
1 cubic metre of propane (equilibrium pressure and 15° Celsius)	= 6.300 0 Canadian barrels of propane (equilibrium pressure and 60° Fahrenheit)
1 cubic metre of butanes (equilibrium pressure and 15° Celsius)	= 6.296 8 Canadian barrels of butanes (equilibrium pressure and 60° Fahrenheit)
1 cubic metre of oil or pentanes plus (equilibrium pressure and 15° Celsius)	= 6.292 9 Canadian barrels of oil or pentanes plus (equilibrium pressure and 60° Fahrenheit)
1 cubic metre of water (equilibrium pressure and 15° Celsius)	= 6.290 1 Canadian barrels of water (equilibrium pressure and 60° Fahrenheit)
1 tonne	= 0.984 206 4 (U.K.) long tons (2240 pounds)
1 tonne	= 1.102 311 short tons (2000 pounds)
1 kilojoule	= 0.948 213 3 British thermal units (Btu as defined in the federal Gas Inspection Act (60°–61° Fahrenheit))

1.2 Reserves Terminology

The reserves terminology used in this report applies to all fossil energy resources (including coal) and is as follows:

1 **Initial Volume in Place:** The gross volume of crude oil, crude bitumen, or raw natural gas calculated or interpreted to exist in a reservoir before any volume has been produced.

2 **Established Reserves:** Those reserves recoverable under current technology and present and anticipated economic conditions, specifically proved by drilling, testing, or production; plus that judgement portion of contiguous recoverable reserves that are interpreted from geological, geophysical, or similar information, with reasonable certainty to exist.

3 **Initial Established Reserves:** Established reserves prior to the deduction of any production.

4 **Remaining Established Reserves:** Initial established reserves less cumulative production.

5 **Ultimate Potential:** An estimate of the initial established reserves that will have been developed in an area by the time all exploratory and development activity has ceased, having regard for the geological prospects of that area and anticipated technology and economic conditions.

Ultimate potential includes cumulative production, remaining established reserves, and future additions through extensions and revisions to existing pools and the discovery of new pools. Ultimate potential can be expressed by the following simple formula:

Ultimate potential = initial established reserves
+ additions to existing pools
+ future discoveries.

The above terminology and definitions, which were recommended by the Inter-Provincial Advisory Committee on Energy, have been adopted by the Board.

1.3 Definitions of Other Terms

Area The area used to determine the bulk rock volume of the oil-, crude bitumen-, or gas-bearing reservoir, usually the area of the zero isopach or the assigned area of a pool or deposit.

Butanes In addition to its normal scientific meaning, a mixture mainly of butanes which ordinarily may contain some propane or pentanes plus.

(Oil and Gas Conservation Act, section 1(1)(c.1))

Compressibility Factor A correction factor for non-ideal gas determined for gas from a pool at its initial reservoir pressure and temperature and, where necessary, including factors to correct for acid gases.

Condensate	A mixture mainly of pentanes and heavier hydrocarbons that may be contaminated with sulphur compounds, that is recovered or recoverable through a well from an underground reservoir and that may be gaseous in its virgin reservoir state but is liquid at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(d.1))
Crude Bitumen	A naturally occurring viscous mixture, mainly of hydrocarbons heavier than pentane, that may contain sulphur compounds and that, in its naturally occurring viscous state, will not flow to a well. (Oil Sands Conservation Act, section 1(1)(c))
Crude Oil (Conventional)	A mixture mainly of pentanes and heavier hydrocarbons that may be contaminated with sulphur compounds, that is recovered or is recoverable at a well from an underground reservoir, and that is liquid at the conditions under which its volume is measured or estimated, and includes all other hydrocarbon mixtures so recovered or recoverable except raw gas or condensate. (Oil and Gas Conservation Act, section 1(1)(f.1))
Crude Oil (Heavy)	Crude oil will be deemed to be heavy crude oil if it has a density of 900 kg/m^3 or more, but the Board, in a particular case, may classify crude oil otherwise than in accordance with this criterion, having regard to its market utilization and purchasers' classification. (Oil and Gas Conservation Regulations 10.030)
Crude Oil (Light-Medium)	Crude oil will be deemed to be light-medium crude oil if it has a density of less than 900 kg/m^3, but the Board, in a particular case, may classify crude oil otherwise than in accordance with this criterion, having regard to its market utilization and purchasers' classification. The light-medium classification is synonymous with the light classification referred to in ERCB Report 88-E, Alberta Oil Supply, 1988–2003.
Crude Oil (Synthetic)	A mixture, mainly of pentanes and heavier hydrocarbons, that may contain sulphur compounds, that is derived from crude bitumen and that is liquid at the conditions under which its volume is measured or estimated, and includes all other hydrocarbon mixtures so derived. (Oil and Gas Conservation Act, section 1(1)(t.1))
Density	The mass or amount of matter per unit volume.

Density, Relative (Raw Gas)	The density, relative to air, of raw gas upon discovery, determined by an analysis of a gas sample representative of a pool under atmospheric conditions.
Discovery Year	The year in which the well which discovered the oil or gas pool finished drilling.
Ethane	In addition to its normal scientific meaning, a mixture mainly of ethane which ordinarily may contain some methane or propane. (Oil and Gas Conservation Act, section 1(1)(h.1))
Gas	Raw gas or marketable gas or any constituent of raw gas, condensate, crude bitumen, or crude oil that is recovered in processing and that is gaseous at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(j.1))
Gas (Associated)	Gas in a free state in communication in a reservoir with crude oil, under initial reservoir conditions.
Gas (Marketable)	A mixture mainly of methane originating from raw gas, if necessary through the processing of the raw gas for the removal or partial removal of some constituents, and which meets specifications for use as a domestic, commercial, or industrial fuel or as an industrial raw material. (Oil and Gas Conservation Act, section 1(1)(m))
Gas (Marketable at 101.325 kPa and 15°C)	The equivalent volume of marketable gas at standard conditions.
Gas (Non-associated)	Gas that is not in communication in a reservoir with an accumulation of liquid hydrocarbons at initial reservoir conditions.
Gas (Raw)	A mixture containing methane, other paraffinic hydrocarbons, nitrogen, carbon dioxide, hydrogen sulphide, helium, and minor impurities, or some of them, which is recovered or is recoverable at a well from an underground reservoir and which is gaseous at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(s.1))
Gas (Solution)	Gas that is dissolved in crude oil under reservoir conditions and evolves as a result of pressure and temperature changes.

Gas-Oil Ratio (Initial Solution)	The volume of gas (in cubic metres, measured under standard conditions) contained in one stock-tank cubic metre of oil under initial reservoir conditions.
Good Production Practice (GPP)	Production of crude oil or raw gas at a rate (i) not governed by a base allowable, but (ii) limited to what can be produced without adversely and significantly affecting conservation and the prevention of waste. (Oil and Gas Conservation Regulation 1.020(2)9) This practice is authorized by the Board either to improve the economics of production from a pool and thus defer its abandonment, or to avoid unnecessary administrative expense associated with regulation or production restrictions where this serves little or no purpose.
Gross Heating Value (of dry gas)	The heat liberated by burning moisture-free gas at standard conditions and condensing the water vapour to a liquid state.
Helium	In addition to its normal scientific meaning, a mixture mainly of helium which ordinarily may contain some nitrogen and methane. (Oil and Gas Conservation Act, section 1(1)(k))
Maximum Rate Limitation (MRL)	The maximum rate of production prescribed for the avoidance of waste, after application of any applicable penalty factor.
Mean Formation Depth	The approximate average depth below kelly bushing of the mid-point of an oil or gas productive zone for the wells in a pool.
Methane	In addition to its normal scientific meaning, a mixture mainly of methane which ordinarily may contain some ethane, nitrogen, helium, or carbon dioxide. (Oil and Gas Conservation Act, section 1(1)(m.1))
Natural Gas Liquids	Propane, butanes, or pentanes plus, or a combination of them, obtained from the processing of raw gas or condensate. (Oil and Gas Conservation Act, section 1(1)(n))

Oil	Condensate or crude oil, or a constituent of raw gas, condensate, or crude oil that is recovered in processing, that is liquid at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(n.1))
Oil Sands	(i) sands and other rock materials containing crude bitumen, (ii) the crude bitumen contained in those sands and other rock materials, and (iii) any other mineral substances, other than natural gas, in association with that crude bitumen or those sands and other rock materials referred to in subclauses (i) and (ii). (Oil Sands Conservation Act, section 1(l)(n))
Oil Sands Deposit	A natural reservoir containing or appearing to contain an accumulation of oil sands separated or appearing to be separated from any other such accumulation. (Oil and Gas Conservation Act, section 1(1)(o.1))
Pay Thickness (Average)	The bulk rock volume of a reservoir of oil, oil sands, or gas, divided by its area.
Pentanes Plus	A mixture mainly of pentanes and heavier hydrocarbons which ordinarily may contain some butanes and which is obtained from the processing of raw gas, condensate, or crude oil. (Oil and Gas Conservation Act, section 1(1)(p))
Pool	A natural underground reservoir containing or appearing to contain an accumulation of oil or gas or both separated or appearing to be separated from any other such accumulation. (Oil and Gas Conservation Act, section 1(1)(q))
Porosity	The effective pore space of the rock volume determined from core analysis and well log data, measured as a fraction of rock volume.
Pressure (Initial)	The reservoir pressure at the reference elevation of a pool upon discovery.
Propane	In addition to its normal scientific meaning, a mixture mainly of propane which ordinarily may contain some ethane or butanes. (Oil and Gas Conservation Act, section 1(1)(s))

Recovery (Enhanced)	Recovery of oil, gas, or natural gas liquids by the implementation of an artificially improved depletion process over a part or the whole of a pool, measured as a volume or fraction; the additional oil, gas, or natural gas liquids so recovered. (Oil and Gas Conservation Act, section 1(1)(h))
Recovery (Pool)	In gas pools, the fraction of the in-place reserves of gas expected to be recovered under the subsisting recovery mechanism.
Recovery (Primary)	Recovery of oil by natural depletion processes only, measured as a volume so recovered or a fraction of the in-place oil.
Saturation (Gas)	The fraction of pore space in the reservoir rock occupied by gas upon discovery.
Saturation (Water)	The fraction of pore space in the reservoir rock occupied by water upon discovery.
Shrinkage Factor	The volume occupied by one cubic metre of oil from a pool, measured at standard conditions after flash gas liberation consistent with the surface separation process, divided by the volume occupied by the same oil and gas at the pressure and temperature of a pool upon discovery.
Solvent	A suitable mixture of hydrocarbons ranging from methane to pentanes plus, but consisting largely of methane, ethane, propane, and butanes, for use in enhanced-recovery operations.
Surface Loss	A summation of the fractions of recoverable gas that is removed as acid gas and liquid hydrocarbons, used as lease or plant fuel, or flared.
Temperature	The initial reservoir temperature upon discovery at the reference elevation of a pool.
Zone	Any stratum or any sequence of strata that is designated by the Board as a zone. (Oil and Gas Conservation Act, section 1(1)(z))

1.4 Standard Conditions of Gas Measurement

Volumes of gas are given as at a standard pressure and temperature of 101.325 kPa and 15°C, respectively.

1.5 Symbols

The symbols used in tables throughout this report have the following meanings:

SI

°C	degree Celsius	M	mega
d	day	m	metre
ha	hectare	mol	mole
J	joule	T	tera
kg	kilogram	t	tonne
kPa	kilopascal		

Imperial

bbl	barrel	°F	degree Fahrenheit
Btu	British thermal unit	psia	pounds per square inch absolute
cf	cubic foot	psig	pounds per square inch gauge
d	day	stb	stock-tank barrel

1.6 Abbreviations

General Report

GIP	gas in place
GPP	good production practice
MER	maximum efficient rate
MRL	maximum rate limitation
RF	recovery factor
RGE	range
STP	standard temperature and pressure
TWP	township
WM	west of a certain meridian

Computer Printout

General abbreviations, found chiefly in the computer printout, have the following meanings:

ABAND	abandoned
ASSOC	associated gas
ADMIN 2	Administrative Area No. 2
BELL	Belloy
BER	beyond economic reach
BLAIR	Blairmore
BLSKY	Bluesky
BNFF	Banff
BOW ISL or BI	Bow Island
BR	Belly River

BSL COLO	Basal Colorado
BSL MANN or BMNV	Basal Mannville
BSL QTZ	Basal Quartz
CARD	Cardium
CDN	Cadomin
CLWTR	Clearwater
CLY	Colony
CMRS	Camrose
COMP	compressibility
DBLT	Debolt
DETR	Detrital
DISC YEAR	discovery year
ELK	Elkton
ELRSL	Ellerslie
ERSO	enhanced-recovery scheme is in operation but no additional established reserves are attributed
FALH	Falher
FRAC	fraction
GEN PETE	General Petroleum
GETH	Gething
GLAUC	Glauconitic
GOR	gas-oil ratio
GRD RAP	Grand Rapids
GROSS HEAT VALUE	gross heating value
ha	hectare
INJ	injected
I.S.	integrated scheme
JUR or J	Jurassic
KEY	Keystone
KISK	Kiskatinaw
KR	Keg River
L	lower
LED	Leduc
LLOYD	Lloydminster
LF	load factor
LMNV or LM	Lower Mannville
LOC EX PROJECT	local experimental project
LOC U	local utility
M	middle
MANN or MN	Mannville
MCM	McMurray
MED HAT	Medicine Hat
MILK RIV	Milk River
MOP	maximum operating pressure
MSKG	Muskeg
NGL	natural gas liquids
NIS	Nisku
NO.	number

NON-ASSOC	non-associated gas
NORD	Nordegg
OST	Ostracod
PALL	Palliser
PEK	Pekisko
RF	recovery factor
SA	strike area
SATN	saturation
SD	sandstone
SE ALTA GAS SYS (MU)	Southeastern Alberta Gas System -- commingled
SG	gas saturation
SHUN	Shunda
SL	surface loss
SOLN	solution gas
SPKY	Sparky
ST. ED	St. Edouard
SULPT	Sulphur Point
SUSP	suspended
SW	water saturation
TEMP	temperature
TVD	true vertical depth
U	upper
UIRE	Upper Ireton
UMNV or UM	Upper Mannville
VIK or VK	Viking
VOL	volume
WAB	Wabamun
WBSK	Wabiskaw
WTR DISP	water disposal
WTR INJ	water injection
1WS	First White Specks
2WS	Second White Specks

Company Names

The following is a list of abbreviations which are used for certain company names:

AEC	Alberta Energy Co. Ltd.
A&S	Alberta and Southern Gas Co. Ltd.
AMERADA	Amerada Minerals Corporation of Canada Ltd.
AMOCO	Amoco Canada Petroleum Company Ltd.
ATCOR	ATCOR Ltd.
BP	BP Resources Canada Limited
BVI	Bow Valley Industries Ltd.
CANOXY	Canadian Occidental Petroleum Ltd.
CANST	CanStates Energy
CHEL	Canadian Hunter Exploration Ltd.

CMG	Canadian-Montana Gas Company Limited
CNG	Consolidated Natural Gas Limited
CNWE	Canada Northwest Energy Ltd.
CONTIN	Continental Energy Marketing Ltd.
CTYMEDH	City of Medicine Hat
CWNGNUL	Canadian Western Natural Gas Company Limited and Northwestern Utilities Limited
DART	Dartmouth Power Associates Limited Partnership
DEKALB	DEKALB Energy Canada Ltd.
DEVNIC	Devnic Energy Inc.
DIRECT	Direct Energy Marketing Ltd.
EMI	EMI Pawtucket Inc.
ESSO	Esso Resources Canada Limited
GULF	Gulf Canada Resources Limited
HOME	Home Oil Company Limited
HUSKY	Husky Oil Ltd.
ICG	ICG Resources Ltd.
KANNGAZ	KannGaz Producers Ltd.
METHON	Methon Gas Marketing Ltd.
MIPL	Many Islands Pipelines Limited
MOBIL	Mobil Oil Canada
MORGAN	Morgan Hydrocarbons Inc.
NCO	North Canadian Marketing Inc.
NORCEN	Norcen Energy Resources Limited
NRTHRGE	Northridge Petroleum Marketing Inc.
NRTHSTR	Northstar Energy Corporation
OMV	OMV (Canada) Ltd.
PANALTA	Pan-Alberta Gas Ltd.
PARAMNT	Paramount Resources Ltd.
PCI	Petro-Canada Inc.
POCO	Poco Petroleums Limited
PROGAS	ProGas Limited
PSR	PSR Gas Ventures Inc.
PWGE	Plains-Western Gas & Electric Co. Ltd.
RENENER	Renaissance Energy Ltd.
SANGAS	San Diego Gas & Electric
SCEPTRE	Sceptre Resources Ltd.
SHELL	Shell Canada Limited
SIMPLOT	Simplot Canada Limited
SOQUIP	Societe quebecoise d'initiatives petrolieres
SUNCOR	Suncor Inc. Oil Sands Group
SYNCRUDE	Syncrude Canada Ltd.
TCPL	TransCanada PipeLines Limited
TRANWST	Transwest Gas Systems Ltd.
TRIL	Trilogy Resource Corporation
TRITON	Triton Canada Resources Ltd.
UNIGAS	Unigas Corporation
UNOCAL	Unocal Canada Limited
VECTOR	Vector Energy Inc.
WCST	Westcoast Energy Inc.

2 RESERVES OF CONVENTIONAL CRUDE OIL

The Board estimates the remaining established reserves of conventional crude oil in Alberta to be 510 million cubic metres at year-end 1990. This is a net decrease from year-end 1989 of 50 million cubic metres as a result of all reserve adjustments less production that occurred during 1990. The initial established reserves attributed to 1990 pool discoveries totalled 13 million cubic metres, which is a 24 per cent decrease from 1989.

At year-end 1990, oil reserves were assigned to 4900 light-medium and 1700 heavy crude oil pools in the province.

The changes in reserves for light-medium and heavy crude oil during 1990 are shown below:

	1990	1989	Change
	10^6 m^3	10^6 m^3	10^6 m^3
Initial Established Reserves[a]			
Light-Medium	2 078.3	2 086.1	− 7.9
Heavy	177.9	167.0	+10.9
Total	2 256.1	2 253.1	+ 3.0
	(14 198)[c]	(14 178)[c]	
Cumulative Production[a]			
Light-Medium	1 623.4	1 580.1	+43.3[b]
Heavy	122.3	112.5	+ 9.8[b]
Total	1 745.7	1 692.6	+53.1
Remaining Established Reserves[a]			
Light-Medium	454.8	506.0	−51.2
Heavy	55.5	54.5	+ 1.1
Total	510.4	560.5	−50.1
	(3 212)[c]	(3 527)[c]	

a Discrepancies are due to rounding.
b Production figures may differ from that published in the Board's report ERCB ST 91-17.
c Imperial equivalent in millions of stock-tank barrels.

The net increase in initial established reserves during 1990 of 3.0 million cubic metres comprised 25.0 million cubic metres added from discoveries/additions (new pools, new waterflood projects, and additions to existing primary pools and waterflood projects), 3.7 million cubic metres added because of tertiary mechanisms (new tertiary projects and additions to existing tertiary projects), and a net reduction of 25.6 million cubic metres as a result of the reassessment of reserves in existing pools. The reassessment consisted of a negative adjustment of 31.3 million cubic metres to light-medium reserves, and a positive adjustment of 5.7 million cubic metres to heavy crude oil reserves. Major light-medium and heavy reserve changes are shown on Tables 2-1 and 2-2, respectively.

The Board's estimates of reserves for 1990 are summarized by crude-oil type and recovery mechanism in Table 2-3, by geological period and crude-oil type in Table 2-4, and by geological formation in Table 2-5. These historical data assist in estimating future crude-oil potential as discussed in Chapter 8.

Table 2-6, subdivided into light-medium and heavy crude oil, lists the reserves and reservoir factors to year-end 1990 for each designated non-confidential crude-oil pool in Alberta. Reserve totals for undefined and confidential pools are shown separately at the end of each section.

The map included in the back pocket of this report will assist the reader interested in the geographic distribution of reserves and in locating the fields and pools listed in Table 2-6. The approximate location of each field is shown immediately following the field name in Table 2-6.

TABLE 2-1 Major Light-Medium Oil Reserve Changes[a]
1990

Pool	Initial Established Reserves 1990 10^3 m^3	Initial Established Reserves Change 10^3 m^3	Main Reason for Change
Fenn-Big Valley D-2 A	49 020.0	+ 720.0	Reassessment of recovery factor
Halkirk Upper Mannville D	960.0	+ 620.0	Enhanced recovery recognition
Harmattan East Rundle	12 710.0	+ 570.0	Enhanced recovery recognition
Pembina Keystone Belly River C, O & H3H	5 862.0	+ 622.2	New pool — coalesced Belly River C, LLL & UUU Pools
Pembina Cardium	231 000.0	− 7 900.0	Reassessment of waterflood recovery factor
Provost Lloydminster O	2 033.0	+ 868.0	Enhanced recovery recognition
Rainbow Sulphur Point B	1 034.0	+ 689.0	Pool development. Enhanced recovery recognition
Rainbow Keg River EEE	750.0	− 590.0	Reassessment of initial volume in place and waterflood recovery factor
Sawn Slave Point A	176.0	− 405.0	Waterflood rescinded
Swan Hills Beaverhill Lake C	30 770.0	− 2 320.0	Reassessment of recovery factor
Sylvan Lake Pekisko B	2 850.0	+ 550.0	Reassessment of initial volume in place
Tangent D-1 V	131.0	− 305.0	Reassessment of initial volume in place and recovery factor
Turner Valley Rundle	23 850.0	+ 1 450.0	Reassessment of primary recovery factor
Valhalla Doe Creek I	6 830.0	+ 830.0	Enhanced recovery recognition
Virginia Hills Beaverhill Lake	28 290.0	+ 2 880.0	Enhanced recovery recognition for solvent flood
Watts Banff H	386.0	− 465.0	Reassessment of initial volume in place and recovery factor
Westerose D-3	23 250.0	+ 1 250.0	Pool development and reassessment of recovery factor

a For a detailed listing of all reserve changes, refer to the Board's General Bulletin GB 91-5.

TABLE 2-2 Major Heavy Oil Reserve Changes[a] 1990

Pool	Initial Established Reserves 1990 $10^3\ m^3$	Change $10^3\ m^3$	Main Reason for Change
Hayter Dina B	1 505	+ 752.0	Reassessment of recovery factor
Provost Dina A	1 050.0	+ 486.0	Pool development and reassessment of recovery factor
Provost Dina Y	614.0	+ 367.0	Pool development and reassessment of recovery factor
Provost Dina PPP	522.0	+ 303.0	Pool development
Provost Dina E2E	493.0	+ 329.0	Reassessment of recovery factor
Provost Basal Quartz C	1 960.0	+ 1 110.0	Pool development and reassessment of recovery factor
Suffield Upper Mannville J	3 308.0	+ 2 105.0	Reassessment of initial volume in place and recovery factor
Wildmere Lloydminster A & Sparky E	3 445.0	+ 315.0	Reassessment of primary recovery factor
St. Anne Banff K	250.0	+ 250.0	New pool

a For a detailed listing of all reserve changes, refer to the Board's General Bulletin GB 91-5.

TABLE 2-3 **Summary of Reserves of Conventional Crude Oil Attributable to Various Recovery Mechanisms**
As at 31 December 1990

	1	2	3	4	5	6	7
Crude-Oil Type and Recovery Mechanism	**Initial Volume in Place**	**Initial Primary Established Reserves**	**Initial Enhanced Established Reserves**	**Initial Total Established Reserves**	**Average Primary Recovery**	**Average Enhanced Recovery**	**Average Total Recovery**
	10^6 m^3				fraction		
Light-Medium							
Primary Depletion	3 374.0	740.6	0	740.6	0.22	0	0.22
Waterflood	2 674.8	439.0	376.5	815.5	0.16	0.14	0.30
Solvent Flood	843.6	228.1	260.9	489.0	0.27	0.31	0.58
Gas Flood	69.3	29.3	3.8	33.1	0.41	0.05	0.46
Heavy							
Primary Depletion	1 184.2	97.7	0	97.7	0.08	0	0.08
Waterflood	269.9	24.9	55.3	80.1	0.09	0.20	0.30
Total[a]	8 415.8	1 559.6	696.5	2 256.1	0.19[b]	0.08[b]	0.27[b]
	(52 960)[c]	(9 814)[c]	(4 383)[c]	(14 198)[c]			

a Discrepancies are due to rounding.

b The estimated recovery of all pools in the province, if depleted under their natural depletion mechanism, would be 19 per cent of initial volume in place. Implementation of enhanced recovery schemes in some pools is expected to result in an increase in the average recovery factor for all pools in Alberta to 27 per cent.

c Imperial equivalent in millions of stock-tank barrels.

TABLE 2-4 Distribution of Reserves of Conventional Crude Oil by Geological Period and Crude-Oil Type

As at 31 December 1990

Geological Period	Initial Volume in Place			Initial Established Reserves			Remaining Established Reserves			Average Recovery		
	1	2	3	4	5	6	7	8	9	10	11	12
	Light-Medium Density	Heavy Density	Total	Light-Medium Density	Heavy Density	Total	Light-Medium Density	Heavy Density	Total	Light-Medium	Heavy Density	Total
	10^6 m^3									fraction		
Cretaceous												
Upper	1 982.9	0.1	1 983.0	354.2	0	354.2	110.3	0	110.3	0.18	0	0.18
Lower	846.0	1 265.4	2 111.4	133.0	150.1	283.0	39.8	43.8	83.6	0.16	0.12	0.13
Jurassic	91.7	70.5	162.1	19.3	17.6	36.9	7.7	6.0	13.7	0.21	0.25	0.23
Triassic	227.6	0	227.6	53.6	0	53.6	25.4	0	25.4	0.24	0	0.24
Permian	11.2	0	11.2	3.9	0	3.9	0.7	0	0.7	0.35	0	0.35
Mississippian	554.2	63.1	617.3	85.7	6.5	92.2	16.3	2.9	19.2	0.15	0.10	0.15
Devonian												
Upper	2 273.1	19.3	2 292.4	1 083.0	1.5	1 084.4	150.6	0.9	151.5	0.48	0.08	0.47
Middle	896.9	0	896.9	339.0	0	339.0	98.6	0	98.6	0.38	0	0.38
Other	78.2	35.8	114.0	6.8	2.2	9.0	5.5	2.0	7.5	0.09	0.06	0.08
Total[a]	6 961.7	1 454.1	8 415.8	2 078.3	177.9	2 256.1	454.8	55.5	510.4	0.30	0.12	0.27
	(43 810)[b]	(9 150)[b]	(52 960)[b]	(13 078)[b]	(1 119)[b]	(14 198)[b]	(2 862)[b]	(349)[b]	(3 212)[b]			

a Discrepancies are due to rounding.

b Imperial equivalent in millions of stock-tank barrels.

TABLE 2-5 Geological Distribution of Reserves of Conventional Crude Oil As at 31 December 1990

Geological Distribution	1 Initial Volume in Place	2 Initial Established Reserves	3 Remaining Established Reserves	4 Initial Volume in Place	5 Initial Established Reserves	6 Remaining Established Reserves
	10^6 m^3			percentage of total		
Upper Cretaceous						
Belly River	232.0	36.7	17.9	2.8	1.6	3.5
Cardium	1 648.2	305.0	84.1	19.6	13.5	16.5
Second White Specks	26.1	1.9	1.1	0.3	0.1	0.2
Doe Creek	52.0	8.5	6.1	0.6	0.4	1.2
Dunvegan	18.3	1.4	0.6	0.2	0.1	0.1
Other	6.4	0.7	0.4	0.1	0	0.1
Subtotal	1 983.0	354.2	110.3	23.6	15.7	21.6
Lower Cretaceous						
Viking	296.1	60.0	13.8	3.5	2.7	2.7
Basal Colorado	12.1	2.7	0.9	0.1	0.1	0.2
Upper Mannville	1 111.9	119.3	37.8	13.3	5.3	7.4
Lower Mannville	688.1	100.8	30.9	8.2	4.5	6.1
Other	3.2	0.3	0.1	0	0	0
Subtotal	2 111.4	283.0	83.6	25.1	12.5	16.4
Jurassic						
Sawtooth	62.1	16.2	5.7	0.7	0.7	1.1
Rock Creek	19.6	3.7	2.3	0.2	0.2	0.5
Nordegg	64.8	14.9	5.1	0.8	0.7	1.0
Other	15.7	2.1	0.7	0.2	0.1	0.1
Subtotal	162.1	36.9	13.7	1.9	1.6	2.7
Triassic						
Charlie Lake	53.0	9.5	7.2	0.6	0.4	1.4
Boundary	44.7	9.9	4.4	0.5	0.4	0.9
Halfway	70.9	13.5	8.2	0.8	0.6	1.6
Montney	47.1	20.0	5.2	0.6	0.9	1.0
Other	11.9	0.8	0.5	0.1	0	0.1
Subtotal	227.6	53.6	25.4	2.7	2.4	5.0
Permian-Belloy	11.2	3.9	0.7	0.0	0.2	0.1
Mississippian						
Rundle	415.8	67.1	8.7	4.9	3.0	1.7
Pekisko	78.5	9.9	3.1	0.9	0.4	0.6
Banff	99.1	12.4	6.4	1.2	0.5	1.2
Other	23.9	2.8	0.9	0.3	0.1	0.2
Subtotal	617.3	92.2	19.2	7.3	4.1	3.8

TABLE 2-5 (continued)

	1	2	3	4	5	6
Geological Distribution	**Initial Volume in Place**	**Initial Established Reserves**	**Remaining Established Reserves**	**Initial Volume in Place**	**Initial Established Reserves**	**Remaining Established Reserves**
	10^6 m^3			percentage of total		
Upper Devonian						
Wabamun	45.1	7.1	3.9	0.5	0.3	0.8
Nisku	353.2	173.3	27.2	4.2	7.7	5.3
Leduc	812.7	491.1	31.6	9.7	21.8	6.2
Beaverhill Lake	944.2	393.5	78.6	11.2	17.4	15.4
Slave Point	108.2	15.6	7.9	1.3	0.7	1.5
Other	29.0	3.9	2.2	0.3	0.2	0.4
Subtotal	2 292.4	1 084.4	151.5	27.2	48.1	29.7
Middle Devonian						
Gilwood	269.3	127.8	31.6	3.2	5.7	6.2
Sulphur Point	9.0	1.5	0.9	0.1	0	0
Muskeg	54.8	8.6	4.4	0.7	0.4	0.9
Keg River	466.3	174.7	52.7	5.5	7.7	10.3
Keg River ss	40.0	13.7	3.3	0.5	0.6	0.6
Granite Wash	57.4	12.7	5.6	0.7	0.6	1.1
Other	0.1	0	0	0	0	0
Subtotal	896.9	339.0	98.6	10.7	15.0	19.3
Undefined and Confidential	114.0	9.0	7.5	1.4	0.4	1.5
Total[a]	8 415.8	2 256.1	510.4	100.0	100.0	100.0
	(52 960)[b]	(14 198)[b]	(3 212)[b]			

a Discrepancies in totals and subtotals are due to rounding.
b Imperial equivalent in millions of stock-tank barrels.

TABLE 2-6

ERCB

Reserves of Conventional Crude Oil and Basic Data

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ACHESON 053-26W4								
BLAIRMORE A	879.0	0.14		123.0		123.0	120.9	2.1
BLAIRMORE B	318.0	0.13		41.3		41.3	5.1	36.2
BLAIRMORE C	375.0	0.15		56.3		56.3	47.5	8.8
BLAIRMORE F	370.0	0.25		92.5		92.5	73.9	18.6
BLAIRMORE J	304.0	0.20		60.8		60.8	47.9	12.9
BLAIRMORE K	1 250.0	0.10		125.0		125.0	89.7	35.3
BLAIRMORE L	289.0	<0.04		11.6		11.6	11.6	
BLAIRMORE P	183.0	<0.01		0.1		0.1	0.1	
BLAIRMORE S	139.0	<0.04		5.0		5.0	5.0	
BLAIRMORE V	198.0	0.12		23.8		23.8	14.6	9.2
BLAIRMORE W	79.8	<0.01		0.1		0.1	0.1	
BLAIRMORE X	99.8	0.10		10.0		10.0	9.1	0.9
BLAIRMORE Z	42.5	0.10		4.3		4.3	0.6	3.7
BLAIRMORE AA	78.3	0.05		3.9		3.9	2.4	1.5
BLAIRMORE BB	68.0	0.15		10.2		10.2	5.2	5.0
BLAIRMORE CC	27.4	0.10		2.7		2.7	0.5	2.2
BLAIRMORE D & I	2 319.0	0.15		348.0		348.0	188.5	159.5
ELLERSLIE A	343.0	0.03		10.3		10.3	6.3	4.0
ELLERSLIE B	387.0	0.03		11.6		11.6	4.3	7.3
ELLERSLIE C	406.0	<0.01		1.1		1.1	1.1	
DETRITAL A	36.8	<0.26		8.3		8.3	8.3	
DETRITAL C	62.2	0.10		6.2		6.2	0.3	5.9
DETRITAL D	235.0	0.03		7.1		7.1	0.5	6.6
WABAMUN A	917.0	<0.01		3.7		3.7	3.7	
D-2 A	775.0	0.58		450.0		450.0	432.1	17.9
D-2 B	50.2	<0.39		19.3		19.3	19.3	
D-2 C	14.7	<0.01		0.1		0.1	0.1	
D-3 A TOTAL	29 650.0			16 010.0	4 850.0	20 860.0	20 221.6	638.4
SOLVENT FLOOD AREA	3 840.0	0.54	0.31	2 074.0	1 190.0	3 264.0		
WATER FLOOD AREA	25 810.0	0.54	0.14	13 940.0	3 660.0	17 600.0		
ACHESON EAST 052-25W4								
BLAIRMORE A	500.0	0.25		125.0		125.0	123.0	2.0
BLAIRMORE B	5 970.0	0.15		896.0		896.0	674.4	221.6
BLAIRMORE C	224.0	0.25		56.0		56.0	31.3	24.7
BLAIRMORE D	572.0	0.25		143.0		143.0	106.3	36.7
BLAIRMORE E	226.0	0.25		56.6		56.6	24.1	32.5
BLAIRMORE G	171.0	0.10		17.1		17.1	4.0	13.1
BLAIRMORE H	39.8	0.15		6.0		6.0	1.6	4.4
BLAIRMORE I	47.4	0.15		7.2		7.2	4.1	3.1
GLAUCONITIC A	67.6	<0.01		0.3		0.3	0.3	
BLAIRMORE F & GLAUCONITIC B	683.0	0.07		47.8		47.8	25.6	22.2
DETRITAL A	188.0	<0.03		4.3		4.3	4.3	
ADAMS 071-08W5								
GILWOOD A	68.4	0.10		6.8		6.8	6.6	0.2
ADEN 001-09W4								
BOW ISLAND B	221.0	<0.01		1.1		1.1	1.1	
AERIAL 029-18W4								
VIKING A	275.0	<0.01		0.6		0.6	0.6	
MANNVILLE TOTAL	1 480.0			177.0	131.0	308.0	254.5	53.5
PRIMARY AREA	286.0	0.12		34.3		34.3		
GAS FLOOD AREA	1 190.0	0.12	0.11	143.0	131.0	274.0		
MANNVILLE B	167.0	<0.01		0.3		0.3	0.3	
MANNVILLE C	618.0	0.01		6.2		6.2	1.7	4.5
MANNVILLE D	211.0	<0.01		0.1		0.1	0.1	
ALBRIGHT 071-09W6								
CHARLIE LAKE A	75.1	0.10		7.5		7.5	4.1	3.4
ALIX 040-23W4								
D-2	1 390.0	0.35		487.0		487.0	444.6	42.4
ALLIANCE 040-12W4								
BLAIRMORE	657.0	0.15		98.6		98.6	83.8	14.8
ALSIKE 049-02W5								
BANFF A	149.0	<0.01		0.3		0.3	0.3	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
323	1.86	0.220	0.18	0.81	83	839	54	9 270	1 234.4	1952	81 12 - GPP
150	1.95	0.175	0.27	0.85	81	834	54	9 380	1 265.2	1954	64 04 - GPP
48	6.81	0.187	0.27	0.84	82	834	56	9 480	1 270.4	1954	88 12 - GPP
115	2.76	0.180	0.23	0.84	81	855	52	9 380	1 276.8	1950	88 12 - GPP
25	10.97	0.185	0.25	0.80	84	839	52	9 410	1 231.4	1960	89 12 - GPP
235	5.63	0.150	0.25	0.84	76	855	54	10 330	1 253.8	1951	88 05 - GPP
129	1.74	0.214	0.25	0.80	53	855	54	9 380	1 203.7	1950	74 12 - ABAND 74 06
64	3.50	0.170	0.40	0.80	77	840	51	8 912	1 214.3	1980	83 12 - ABAND 85 07
16	7.60	0.187	0.27	0.84	82	834	56	9 456	1 265.5	1954	88 12 - ABAND 68 01
32	5.30	0.190	0.27	0.84	60	867	55	8 983	1 274.2	1983	84 03 - GPP
64	1.50	0.180	0.45	0.84	58	877	56	9 073	1 245.9	1951	84 08 - SUSP 83 11
16	5.50	0.180	0.25	0.84	68	853	56	9 092	1 245.8	1951	88 05 - GPP
16	2.74	0.210	0.45	0.84	81	839	49	8 919	1 246.2	1955	88 05 - GPP
16	5.18	0.150	0.25	0.84	76	855	54	9 568	1 259.3	1969	88 05 - GPP
27	2.70	0.150	0.26	0.84	76	855	54	9 364	1 265.4	1951	88 05 - GPP
16	1.70	0.160	0.25	0.84	51	850	54	9 097	1 255.2	1952	86 03 - GPP
752	3.54	0.170	0.39	0.84	81	839	49	9 200	1 238.8	1950	88 12 - GPP
64	4.80	0.190	0.30	0.84	57	840	54	9 420	1 275.6	1962	85 12 - GPP
64	5.00	0.210	0.28	0.80	70	835	72	9 119	1 239.3	1982	85 12 - GPP
64	6.00	0.220	0.40	0.80	68	845	72	8 952	1 235.0	1981	83 05 - SUSP 85 01
16	2.40	0.190	0.40	0.84	81	840	54	9 251	1 322.8	1951	88 05 - ABAND 87 02
16	2.40	0.230	0.20	0.88	74	857	49	9 075	1 301.8	1952	88 04
64	3.66	0.190	0.40	0.88	60	840	56	9 259	1 328.5	1952	88 12 - GPP
64	28.80	0.090	0.35	0.85	60	885	42	7 855	1 314.0	1982	82 06 - SUSP 83 05
486	8.17	0.034	0.30	0.82	64	834	57	10 900	1 397.5	1952	87 12 - GPP
65	6.10	0.024	0.36	0.83	64	834	56	10 900	1 419.8	1952	64 04 - ABAND 71 09
64	1.00	0.040	0.30	0.82	66	834	58	11 040	1 434.6	1951	88 12 - SUSP 86 02
1 542					90	834	60	11 930	1 547.8	1950	89 08 - GPP
262	18.38	0.114	0.08	0.76							
1 280	25.30	0.114	0.08	0.76							
84	5.51	0.185	0.27	0.80	74	839	52	9 200	1 208.5	1953	89 12 - GPP
1 236	4.79	0.180	0.30	0.80	74	839	52	9 310	1 239.0	1957	88 12 - GPP
64	3.60	0.184	0.34	0.80	74	857	52	8 826	1 235.8	1981	90 12 - GPP
132	4.04	0.200	0.33	0.80	71	845	51	9 218	1 238.7	1958	85 09 - GPP
32	6.80	0.200	0.35	0.80	56	854	50	8 619	1 260.8	1983	85 12 - GPP
64	2.70	0.180	0.32	0.81	71	845	51		1 247.4	1965	90 02 - GPP
16	2.90	0.160	0.33	0.80	71	839	47		1 271.0	1989	90 03
64	0.70	0.200	0.33	0.79	83	826	54	9 234	1 235.3	1988	90 11 - GPP
16	3.60	0.170	0.25	0.92	26	945	50	9 011	1 155.8	1965	89 12 - ABAND 88 08
256	3.63	0.140	0.36	0.82	67	865	49	8 780	1 181.0	1971	89 04 - GPP
64	3.00	0.210	0.45	0.85	60	857	49	9 305	1 279.5	1980	89 12 - SUSP 86 04
64	1.80	0.110	0.40	0.90	25	762	63	19 309	2 093.8	1979	79 08 - SUSP 89 05
128	1.39	0.230	0.40	0.90	21	839	32	4 480	637.9	1967	85 06 - SUSP 85 04
64	5.10	0.150	0.25	0.75	125	832	43	8 660	1 116.5	1979	83 12 - SUSP 80 08
391					78	849	48	9 930	1 283.5	1958	89 12
81	2.42	0.223	0.20	0.82							
310	2.62	0.223	0.20	0.82							- GPP - MRL
64	4.90	0.130	0.50	0.82	73	867	47	9 731	1 297.5	1979	84 12 - SUSP 81 11
64	11.00	0.150	0.22	0.75	112	854	43	9 350	1 323.5	1979	88 07 - GPP
64	3.90	0.172	0.40	0.82	78	850	24	7 345	1 293.3	1980	89 12 - SUSP 87 11
64	1.90	0.090	0.12	0.78	76	832	73	15 569	2 344.4	1983	84 05
966	4.39	0.057	0.19	0.71	152	825	59	16 620	1 823.9	1956	84 12 - GPP
137	3.21	0.250	0.35	0.92	29	898	35	6 620	961.9	1951	86 12 - GPP
64	3.50	0.120	0.35	0.85	77	900	64	15 960	1 548.5	1980	83 12 - ABAND 88 06

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
AMBER 115-07W6								
SULPHUR POINT D	158.0	<0.01		0.1		0.1	0.1	
MUSKEG A	14.3	<0.13		1.8		1.8	1.8	
MUSKEG B	162.0	<0.21		32.5		32.5	32.5	
MUSKEG C	129.0	0.20		25.8		25.8	11.6	14.2
MUSKEG D	410.0	<0.01		3.0		3.0	3.0	
MUSKEG E	200.0	<0.02		3.3		3.3	3.3	
MUSKEG F	210.0	0.10		21.0		21.0	6.5	14.5
MUSKEG G	471.0	<0.01		2.6		2.6	2.6	
MUSKEG H	79.0	<0.01		0.1		0.1	0.1	
KEG RIVER A	365.0	0.12		43.8		43.8	40.5	3.3
KEG RIVER B	540.0	<0.06		27.9		27.9	27.9	
KEG RIVER C	255.0	0.15		38.3		38.3	25.0	13.3
KEG RIVER E	330.0	0.25		82.5		82.5	70.1	12.4
KEG RIVER F	222.0	<0.23		50.7		50.7	50.7	
KEG RIVER G	200.0	<0.22		42.9		42.9	42.9	
KEG RIVER I	115.0	<0.05		4.8		4.8	4.8	
KEG RIVER J	455.0	<0.01		0.2		0.2	0.2	
KEG RIVER P	300.0	0.10		30.0		30.0	22.3	7.7
KEG RIVER Q	295.0	0.40		118.0		118.0	58.7	59.3
KEG RIVER R	253.0	0.15		38.0		38.0	31.7	6.3
KEG RIVER S	300.0	0.30		90.0		90.0	19.9	70.1
KEG RIVER T	130.0	0.25		32.5		32.5	29.9	2.6
KEG RIVER U	797.0	<0.02		15.8		15.8	15.8	
KEG RIVER V	600.0	<0.02		9.1		9.1	9.1	
KEG RIVER W	241.0	0.15		36.2		36.2	25.7	10.5
KEG RIVER X	44.8	<0.04		1.6		1.6	1.6	
KEG RIVER Y	80.0	0.05		4.0		4.0	3.5	0.5
KEG RIVER AA	300.0	<0.06		15.7		15.7	15.7	
KEG RIVER BB	86.3	0.20		17.3		17.3	10.9	6.4
KEG RIVER CC	450.0	0.25		112.5		112.5	40.0	72.5
AMIGO 120-08W6								
MUSKEG A	104.0	<0.01		0.9		0.9	0.9	
KEG RIVER A	100.0	<0.12		11.9		11.9	11.9	
KEG RIVER B	600.0	0.40		240.0		240.0	173.8	66.2
KEG RIVER C	184.0	0.40		73.6		73.6	51.8	21.8
KEG RIVER D	1 330.0	<0.03		39.5		39.5	39.5	
KEG RIVER E	100.0	0.15		15.0		15.0	9.4	5.6
KEG RIVER F	334.0	0.25		83.5		83.5	16.3	67.2
KEG RIVER G	276.0	0.35		96.6		96.6	39.9	56.7
KEG RIVER H	320.0	<0.03		6.7		6.7	6.7	
KEG RIVER I	70.0	0.16		11.3		11.3	11.3	
KEG RIVER J	200.0	0.15		30.0		30.0	23.8	6.2
ANTE CREEK 065-24W5								
DUNVEGAN A	288.0	<0.01		0.7		0.7	0.7	
NORDEGG A	670.0	0.05		33.5		33.5	11.4	22.1
BEAVERHILL LAKE SOLVENT FLOOD	5 930.0	0.16	0.32	949.0	1 900.0	2 849.0	2 053.9	795.1
BEAVERHILL LAKE B	1 670.0	0.35		585.0		585.0	510.6	74.4
GILWOOD A	46.1	<0.01		0.1		0.1	0.1	
ANTE CREEK NORTH 067-23W5								
TRIASSIC A	198.0	<0.01		0.4		0.4	0.4	
ANTELOPE 030-01W4								
DETRITAL C	232.0	0.05		11.6		11.6	1.6	10.0
ARMADA 017-19W4								
UPPER MANNVILLE A	724.0	0.05		36.2		36.2	16.8	19.4
UPPER MANNVILLE F	286.0	0.05		14.3		14.3	1.0	13.3
BASAL QUARTZ G	107.0	<0.01		0.1		0.1	0.1	
ARMISIE 052-25W4								
BLAIRMORE	2 170.0	0.20		434.0		434.0	348.8	85.2
ASTOTIN 054-18W4								
VIKING D	109.0	<0.01		0.4		0.4	0.4	
VIKING H	194.0	0.03		5.8		5.8	4.4	1.4
VIKING I	187.0	<0.01		0.2		0.2	0.2	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	9.50	0.050	0.36	0.81	76	838	68		1 422.5	1989	90 11 - SUSP 90 02
2	17.50	0.060	0.15	0.80	73	844	72	15 100	1 506.9	1968	71 05 - SUSP 70 03
17	22.74	0.065	0.15	0.76	95	834	70	15 380	1 565.1	1968	83 12 - SUSP 81 11
64	10.50	0.030	0.20	0.80	64	800	82	14 623	1 577.3	1982	90 11
64	12.70	0.070	0.10	0.80	86	846	70	12 072	1 521.8	1983	89 12 - SUSP 87 06
64	5.00	0.085	0.08	0.80	68	856	78	13 109	1 535.1	1983	88 12 - SUSP 86 07
64	5.40	0.090	0.10	0.75	139	820	72	14 849	1 520.3	1984	86 09
128	7.68	0.071	0.10	0.75	64	828	68	16 597	1 503.4	1984	88 02 - ABAND 89 01
16	7.00	0.100	0.15	0.83	64	857	68	15 309	1 497.0	1987	90 11 - SUSP 89 02
19	43.10	0.070	0.15	0.75	110	825	72	15 510	1 566.1	1968	81 12 - GPP
38	37.95	0.060	0.17	0.75	111	825	72	15 560	1 566.4	1968	79 04 - SUSP 78 06
12	36.79	0.093	0.15	0.73	127	830	76	15 583	1 581.6	1968	85 04
28	39.00	0.070	0.40	0.72	125	825	76	15 650	1 580.1	1968	84 11
14	26.35	0.097	0.15	0.73	126	829	67	15 450	1 575.8	1968	70 02 - SUSP 84 05
14	27.00	0.090	0.15	0.68	157	820	72	15 220	1 557.8	1969	88 12 - SUSP 86 06
16	24.23	0.052	0.25	0.77	152	820	72	15 040	1 549.0	1969	78 12 - GPP
15	40.23	0.120	0.15	0.74	110	829	77	15 170	1 578.6	1969	71 01 - SUSP 70 10
25	18.50	0.100	0.10	0.72	128	820	76	15 461	1 605.0	1982	89 12 - SUSP 90 09
33	21.00	0.070	0.23	0.78	93	826	73	15 196	1 567.5	1982	85 04
16	23.60	0.100	0.13	0.77	93	829	73	15 433	1 588.3	1983	90 11
30	35.07	0.060	0.34	0.72	127	800	76	15 555	1 580.8	1983	86 06
16	12.00	0.100	0.10	0.75	138	806	71	15 124	1 599.0	1984	90 11 - SUSP 89 03
64	21.20	0.089	0.12	0.75	115	834	67	15 244	1 564.4	1984	85 03 - ABAND 87 07
24	42.00	0.095	0.13	0.72	127	810	76	15 142	1 564.3	1985	89 12 - SUSP 88 03
16	35.90	0.070	0.20	0.75	107	820	83	15 022	1 589.0	1985	90 11 - SUSP 89 03
13	10.85	0.058	0.27	0.75	115	820	80	14 965	1 568.0	1986	86 10 - ABAND 87 09
16	10.80	0.080	0.12	0.66	176	837	82	14 911	1 593.7	1987	90 11
16	26.71	0.100	0.10	0.78	53	823	82	15 600	1 602.5	1984	89 12 - SUSP 88 04
15	18.56	0.045	0.16	0.82	74	817	78	15 757	1 620.5	1984	90 11
32	15.38	0.127	0.10	0.80	70	832	68	15 532	1 606.0	1985	86 06
64	3.50	0.080	0.13	0.67	155	808	83	15 350	1 787.0	1983	88 12 - SUSP 86 06
6	55.10	0.054	0.20	0.70	130	833	83	15 829	1 814.3	1981	86 09 - SUSP 86 06
13	96.96	0.080	0.15	0.70	135	804	74	15 322	1 756.0	1979	86 06
6	58.17	0.080	0.11	0.74	118	850	71	16 104	1 725.0	1982	85 05
64	60.13	0.060	0.20	0.72	146	804	74	15 272	1 794.0	1968	79 12 - SUSP 79 02
9	38.00	0.060	0.25	0.65	160	814	78	15 478	1 804.0	1982	90 11
19	32.11	0.100	0.13	0.63	170	826	71	16 119	1 746.0	1982	86 06
29	32.79	0.060	0.18	0.59	233	803	81	16 766	1 803.4	1983	86 06
10	52.30	0.096	0.09	0.70	100	816	77	15 490	1 786.5	1985	89 12 - SUSP 87 04
5	20.80	0.120	0.20	0.70	233	803	81	15 956	1 852.0	1982	86 09
17	37.60	0.058	0.17	0.65	159	830	70	15 525	1 758.8	1986	90 08
64	4.61	0.181	0.35	0.83	62	834	59	10 340	1 365.8	1973	74 12 - ABAND 79 02
16	21.30	0.230	0.10	0.95	10	953	64	29 034	2 052.8	1987	87 08
3 633	6.90	0.063	0.22	0.48	342	806	110	35 580	3 434.8	1962	89 10
1 540	3.90	0.057	0.25	0.65	166	820	103	37 605	3 391.5	1966	71 02
65	2.44	0.090	0.35	0.50	35	806	127	34 820	3 397.9	1964	65 05 - ABAND 72 10
64	6.27	0.110	0.35	0.69	147	825	59	16 493	1 879.1	1971	81 01 - SUSP 89 01
16	9.50	0.310	0.46	0.91	36	940	35	8 361	811.7	1988	90 09
64	7.90	0.208	0.19	0.85	62	896	45	11 718	1 196.3	1980	89 12
64	7.60	0.160	0.54	0.80	94	835	46	12 613	1 250.0	1988	90 05
64	2.00	0.160	0.40	0.87	60	871	36	12 308	1 213.4	1984	88 12 - ABAND 89 03
407	4.76	0.180	0.25	0.83	79	834	49	9 520	1 238.1	1951	87 12 - GPP
64	1.50	0.210	0.40	0.90	41	864	23	4 554	683.3	1981	88 12 - SUSP 86 11
64	2.20	0.250	0.40	0.92	30	846	28	5 181	687.6	1983	86 12
64	2.20	0.240	0.40	0.92	30	846	28	5 570	681.0	1984	88 12 - ABAND 86 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ATIKAMIK 084-06W5								
KEG RIVER A	104.0	0.25		26.0		26.0	2.2	23.8
BADGER 016-18W4								
UPPER MANNVILLE A	103.0	<0.01		0.4		0.4	0.4	
BARONS 012-23W4								
COLORADO	280.0	<0.30		83.1		83.1	83.1	
BARONS A	313.0	0.05		15.7		15.7	12.7	3.0
BARONS B	102.0	<0.01		0.4		0.4	0.4	
BOW ISLAND A	64.8	<0.01		0.2		0.2	0.2	
BASHAW 041-23W4								
BASAL MANNVILLE J	146.0	<0.01		1.3		1.3	1.3	
BASAL MANNVILLE CC	209.0	0.10		20.9		20.9	0.9	20.0
D-2 A	992.0	<0.03		25.0		25.0	21.8	3.2
D-2 B	1 800.0	0.35		630.0		630.0	273.3	356.7
D-2 C	1 552.0	0.35		543.0		543.0	100.2	442.8
D-2 D	713.0	0.35		250.0		250.0	42.7	207.3
D-2 E	526.0	0.35		184.0		184.0	23.8	160.2
D-2 F	372.0	0.35		130.0		130.0	20.0	110.0
D-2 G	311.0	0.35		109.0		109.0	10.0	99.0
IRETON A	416.0	0.07		29.1		29.1	27.6	1.5
D-3 A	1 600.0	0.35		560.0		560.0	529.0	31.0
D-3 B	264.0	0.10		26.4		26.4	22.7	3.7
D-3 C	160.0	<0.01		0.1		0.1	0.1	
D-3 D	57.8	<0.01		0.1		0.1	0.1	
BASSANO 021-18W4								
OSTRACOD A	136.0	<0.01		1.0		1.0	1.0	
BATTLE 046-20W4								
VIKING	824.0	0.25		206.0		206.0	171.3	34.7
BATTLE NORTH 046-20W4								
VIKING	242.0	<0.27		63.8		63.8	63.8	
BATTLE SOUTH 045-20W4								
VIKING	937.0	0.23		216.0		216.0	205.0	11.0
BEATON 087-02W6								
WABAMUN A	102.0	0.10		10.2		10.2	3.2	7.0
BEAVERHILL LAKE 052-19W4								
UPPER VIKING F	150.0	<0.01		0.4		0.4	0.4	
BEAVERLODGE 072-10W6								
CHARLIE LAKE A	220.0	<0.01		1.2		1.2	1.2	
BELLOY 078-01W6								
BELLOY A	68.5	0.15		10.3		10.3	9.6	0.7
BELLOY B	78.2	0.10		7.8		7.8	3.6	4.2
DEBOLT C	139.0	0.05		7.0		7.0	3.9	3.1
D-1 A	165.0	0.20		33.0		33.0	21.7	11.3
D-1 B	712.0	0.20		142.0		142.0	56.1	85.9
D-1 C	46.4	<0.13		5.7		5.7	5.7	
D-1 D	542.0	0.15		81.3		81.3	33.6	47.7
D-1 G	67.0	0.10		6.7		6.7	4.4	2.3
D-1 H	186.0	0.20		37.2		37.2	15.8	21.4
D-1 I	171.0	0.10		17.1		17.1	9.5	7.6
D-1 J	249.0	0.15		37.4		37.4	15.2	22.2
D-1 K	375.0	0.15		56.0		56.0	12.9	43.1
D-1 L	222.0	0.35		77.7		77.7	23.6	54.1
D-1 M	183.0	0.20		36.0		36.0	14.4	21.6
D-1 N	1 165.0	0.05		58.2		58.2	3.1	55.1
D-1 O	352.0	0.30		106.0		106.0	12.3	93.7
BELLSHILL LAKE 041-12W4								
UPPER VIKING A	67.7	<0.01		0.2		0.2	0.2	
BLAIRMORE	30 800.0	0.40		12 300.0		12 300.0	11 297.7	1 002.3
BLAIRMORE E	1 400.0	0.02		28.0		28.0	10.7	17.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	2.20	0.140	0.34	0.80	84	846	36	16 998	1 559.5	1985	86 04
65	1.22	0.230	0.35	0.87	51	881	54	12 250	1 125.9	1974	76 04 - SUSP 76 06
221	0.82	0.227	0.20	0.85	51	855	37	9 380	1 253.6	1950	75 12 - ABAND 85 10
192	1.88	0.170	0.40	0.85	62	857	35	5 237	1 349.6	1974	87 09
64	1.83	0.170	0.40	0.85	62	856	36	5 235	1 352.1	1987	90 12 - SUSP 89 09
65	1.52	0.140	0.50	0.94	23	855	34	5 000	1 307.9	1973	74 12 - ABAND 76 09
64	2.70	0.170	0.40	0.83	76	844	42	10 590	1 478.7	1978	85 12 - ABAND 88 06
64	4.00	0.160	0.40	0.85	64	852	48	10 390	1 400.9	1988	89 12
903	4.82	0.037	0.20	0.77	93	844	57	16 270	1 715.1	1951	88 12 - GPP
429	5.90	0.110	0.16	0.77	88	830	62	12 856	1 800.2	1973	87 12
128	19.70	0.090	0.10	0.76	107	825	70	14 022	1 744.3	1987	89 06
128	8.22	0.110	0.19	0.76	107	826	70	12 831	1 780.8	1987	89 02
128	6.99	0.090	0.14	0.76	107	825	70	12 329	1 791.9	1988	90 01
64	10.00	0.090	0.15	0.76	107	825	70	12 410	1 783.3	1988	89 03
64	8.96	0.080	0.12	0.77	92	835	51	16 666	1 716.5	1989	89 11
65	15.54	0.074	0.30	0.80	76	910	51	16 270	1 717.2	1963	84 12 - GPP
1 375	3.05	0.067	0.15	0.67	163	825	58	16 070	1 756.6	1951	84 12 - GPP
130	4.72	0.077	0.20	0.70	142	829	58	15 270	1 746.5	1965	83 12 - GPP
64	4.00	0.110	0.15	0.67	163	827	58	16 065	1 709.5	1985	85 09 - SUSP 86 01
64	2.50	0.070	0.23	0.67	163	895	54	12 624	1 736.5	1986	86 10 - SUSP 86 11
64	1.80	0.210	0.34	0.85	68	883	31	9 564	1 179.1	1984	84 11 - SUSP 85 08
574	1.82	0.146	0.40	0.90	35	839	37	5 690	983.9	1953	83 12 - GPP
194	1.54	0.150	0.40	0.90	35	839	37	5 690	990.3	1954	89 12 - SUSP 88 04
451	2.53	0.152	0.40	0.90	35	839	37	5 857	970.2	1954	90 11 - GPP
64	5.79	0.050	0.19	0.67	160	876	62	15 800	1 654.1	1974	81 12
64	2.00	0.200	0.35	0.90	29	864	38	5 163	794.0	1978	85 12 - ABAND 83 07
64	6.20	0.095	0.20	0.73	115	820	77	21 173	2 331.0	1988	89 03 - ABAND 89 04
64	1.70	0.110	0.31	0.83	66	868	45	12 397	1 257.7	1951	85 12 - GPP
64	2.00	0.130	0.39	0.77	100	885	40	11 425	1 248.7	1985	85 08
64	1.50	0.280	0.39	0.85	52	853	47		1 493.7	1972	89 06 - GPP
32	26.30	0.030	0.13	0.75	145	865	65	17 762	2 078.8	1984	90 12
128	35.65	0.026	0.23	0.78	111	884	60	21 633	2 041.6	1986	90 12
32	6.80	0.040	0.29	0.75	96	850	67	22 071	2 068.8	1985	90 12 - ABAND 89 11
64	55.00	0.026	0.25	0.79	88	838	56	22 939	2 115.8	1987	90 12
8	23.46	0.071	0.25	0.67	89	858	71	20 836	2 002.7	1987	90 12
32	22.59	0.044	0.25	0.78	111	841	60	20 987	2 194.6	1988	90 12 - GPP
16	40.30	0.040	0.16	0.79	80	827	69	22 608	2 123.1	1988	90 12
40	27.30	0.037	0.21	0.78	111	841	60	21 255	2 005.5	1988	90 12
32	43.80	0.044	0.22	0.78	111	841	60	22 473	2 143.2	1988	90 12
64	33.60	0.019	0.19	0.67	163	832	64	22 426	2 096.1	1988	90 12
32	25.80	0.033	0.14	0.78	111	841	60	21 938	2 075.1	1988	90 08
32	84.00	0.060	0.13	0.83	111	849	60	20 182	2 000.4	1989	90 11 - SUSP 90 07
32	43.00	0.040	0.18	0.78	111	841	60	21 653	2 054.5	1989	90 11
64	0.93	0.250	0.50	0.91	37	849	27	5 520	767.8	1957	75 12 - ABAND 84 07
2 368	7.08	0.267	0.26	0.93	29	892	34	6 480	919.6	1955	85 02 - GPP
218	4.60	0.200	0.25	0.93	28	899	32	6 220	955.1	1977	89 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
BELLSHILL LAKE 041-12W4 (CONTINUED)								
BLAIRMORE F	31.3	<0.01		0.3		0.3	0.3	
BLAIRMORE G	214.0	0.10		21.4		21.4	4.1	17.3
BLAIRMORE H	141.0	0.10		14.1		14.1	4.1	10.0
BLAIRMORE I	123.0	0.10		12.3		12.3	1.7	10.6
ELLERSLIE A	1 530.0	0.02		30.6		30.6	12.1	18.5
ELLERSLIE C	51.1	<0.01		0.1		0.1	0.1	
ELLERSLIE D	276.0	0.05		13.8		13.8	2.1	11.7
BERRY 027-12W4								
UPPER MANNVILLE C	850.0	<0.08		63.0		63.0	53.6	9.4
BIGORAY 052-08W5								
BELLY RIVER A	239.0	<0.01		2.2		2.2	2.2	
CARDIUM B TOTAL	3 442.0			344.0	770.0	1 114.0	730.8	383.2
PRIMARY AREA	364.0	0.10		36.4		36.4		
WATER FLOOD AREA	3 078.0	0.10	0.25	308.0	770.0	1 078.0		
OSTRACOD TOTAL	2 908.0			349.0	515.0	864.0	816.9	47.1
PRIMARY AREA	458.0	0.12		55.0		55.0		
WATER FLOOD AREA	2 450.0	0.12	0.21	294.0	515.0	809.0		
OSTRACOD B	321.0	<0.02		4.4		4.4	4.4	
ELLERSLIE A	266.0	0.02		5.3		5.3	4.1	1.2
ELLERSLIE B	277.0	0.10		27.7		27.7	7.9	19.8
ELLERSLIE D TOTAL	1 095.0			110.0	190.0	300.0	138.4	161.6
PRIMARY AREA	145.0	0.10		14.5		14.5		
WATER FLOOD AREA	950.0	0.10	0.20	95.0	190.0	285.0		
ELLERSLIE E	142.0	0.10		14.2		14.2	10.6	3.6
ELLERSLIE G TOTAL	1 320.0			132.0	90.0	222.0	96.8	125.2
PRIMARY AREA	820.0	0.10		82.0		82.0		
WATER FLOOD AREA	500.0	0.10	0.18	50.0	90.0	140.0		
ROCK CREEK A	187.0	<0.03		5.1		5.1	5.1	
ROCK CREEK B	37.0	<0.01		0.1		0.1	0.1	
ROCK CREEK C	130.0	<0.05		5.5		5.5	5.5	
NISKU A WATER FLOOD	740.0	0.30	0.15	222.0	111.0	333.0	271.6	61.4
NISKU B SOLVENT FLOOD	1 500.0	0.30	0.30	450.0	450.0	900.0	664.5	235.5
NISKU C WATER FLOOD	1 200.0	0.35	0.11	420.0	132.0	552.0	185.3	366.7
NISKU D WATER FLOOD	2 200.0	0.40	0.10	880.0	220.0	1 100.0	469.2	630.8
NISKU E WATER FLOOD	2 000.0	0.35	0.10	700.0	200.0	900.0	481.4	418.6
NISKU F SOLVENT FLOOD	2 800.0	0.40	0.36	1 120.0	1 010.0	2 130.0	1 415.4	714.6
NISKU G WATER FLOOD	924.0	0.30	0.20	277.0	185.0	462.0	358.4	103.6
NISKU H WATER FLOOD	2 200.0	0.30	0.12	660.0	264.0	924.0	624.9	299.1
NISKU I WATER FLOOD	600.0	0.33	0.10	200.0	60.0	260.0	170.4	89.6
NISKU K WATER FLOOD	870.0	0.30	0.15	261.0	131.0	392.0	329.9	62.1
BIGSTONE 060-22W5								
CARDIUM A	16.1	0.10		1.6		1.6	0.3	1.3
CARDIUM B	149.0	0.10		14.9		14.9	8.0	6.9
CARDIUM C	49.3	0.30		14.8		14.8	12.0	2.8
BILAWCHUK 080-09W6								
HALFWAY A	394.0	<0.01		0.2		0.2	0.2	
BILBO 065-06W6								
A CARDIUM A	666.0	0.15		99.9		99.9	56.8	43.1
A CARDIUM B	169.0	0.10		16.9		16.9	11.1	5.8
BITTERN LAKE 046-22W4								
NISKU A	180.0	<0.01		0.2		0.2	0.2	
BLACK 110-09W6								
MUSKEG A	150.0	0.30		45.0		45.0	36.8	8.2
MUSKEG C	360.0	0.15		54.0		54.0	32.0	22.0
KEG RIVER A WATER FLOOD	2 860.0	0.15	0.10	429.0	286.0	715.0	657.2	57.8
KEG RIVER B	111.0	0.05		5.5		5.5	2.8	2.7
KEG RIVER C	95.0	0.10		9.5		9.5	1.9	7.6
BLACKFOOT 022-23W4								
LOWER MANNVILLE A	106.0	0.20		21.2		21.2	16.4	4.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
16	2.00	0.150	0.30	0.93	26	866	33	5 935	921.6	1979	85 12 - SUSP 83 09
64	4.00	0.150	0.40	0.93	26	894	30	5 703	980.8	1985	86 06
32	3.00	0.250	0.38	0.95	16	908	34	5 644	928.0	1989	89 11 - GPP
16	5.00	0.210	0.24	0.96	13	985	31	5 587	981.5	1989	90 03
112	6.64	0.270	0.18	0.93	28	913	33	6 454	974.7	1983	89 12
16	1.60	0.280	0.25	0.95	40	922	34	6 387	984.8	1984	81 12 - ABAND 87 10
32	5.40	0.240	0.30	0.95	16	908	34		919.2	1989	89 12
525	1.64	0.190	0.41	0.88	49	828	43	9 601	1 101.2	1980	90 12 - GPP
64	4.00	0.195	0.45	0.87	54	822	34	7 824	1 084.1	1987	89 12 - ABAND 90 03
1 106					50	872	49	14 990	1 492.7	1978	89 12
250	3.81	0.050	0.15	0.90							
856	4.47	0.109	0.18	0.90							
1 290					111	839	59	17 240	1 795.6	1959	90 12
293	1.57	0.187	0.30	0.76							
997	2.47	0.187	0.30	0.76							
64	4.00	0.220	0.25	0.76	120	834	60	17 650	1 841.6	1968	81 12 - ABAND 80 10
64	4.00	0.190	0.30	0.78	89	839	60	16 025	1 785.3	1979	81 12
64	2.44	0.320	0.29	0.78	25	853	50	13 809	1 816.6	1974	80 09
512					111	833	64	16 202	1 820.1	1979	89 01
64	3.30	0.133	0.31	0.75							
448	3.51	0.130	0.38	0.75							
64	3.24	0.137	0.39	0.82	70	843	65	14 471	1 821.6	1979	80 10
448					113	853	50	16 555	1 800.3	1977	86 06
258	4.78	0.130	0.28	0.71							
190	4.54	0.120	0.32	0.71							
64	3.00	0.200	0.30	0.70	135	840	62	16 466	1 780.2	1977	82 03 - SUSP 87 12
80	1.50	0.110	0.60	0.70	121	840	57	15 097	1 770.4	1979	85 07 - SUSP 87 12
93	2.19	0.140	0.35	0.70	121	840	57	15 739	1 770.4	1979	89 12 - SUSP 87 12
66	30.50	0.062	0.28	0.82	73	847	73	20 180	2 347.6	1978	81 02
67	49.24	0.067	0.22	0.87	71	834	76	21 725	2 340.0	1978	81 06
82	32.96	0.075	0.26	0.80	106	860	79	21 940	2 423.7	1978	87 05
190	18.48	0.088	0.11	0.80	84	841	80	29 100	2 496.4	1978	79 04
100	45.57	0.060	0.10	0.81	56	835	80	28 448	2 504.4	1978	81 12
52	66.00	0.110	0.07	0.80	71	834	78	22 000	2 400.0	1977	87 07
67	20.20	0.120	0.28	0.79	88	835	74	20 343	2 340.4	1978	88 12
58	46.00	0.120	0.18	0.84	50	842	73	18 740	2 290.3	1978	83 01
51	25.10	0.092	0.32	0.76	100	840	73	17 940	2 285.7	1978	81 11
43	40.05	0.081	0.23	0.81	63	848	69	19 360	2 301.2	1979	88 02
64	0.93	0.074	0.47	0.69	148	821	64	15 712	1 706.7	1987	88 07 - SUSP 88 10
64	3.69	0.100	0.17	0.76	110	865	49	16 024	1 820.0	1976	76 12
64	2.10	0.070	0.31	0.76	150	852	60	20 886	1 822.5	1980	88 08
64	12.51	0.113	0.42	0.75	100	844	61	11 750	1 485.5	1983	88 12 - ABAND 90 02
1 294	1.20	0.110	0.35	0.60	211	803	51	12 812	1 509.9	1985	89 09
192	1.80	0.100	0.35	0.75	120	835	43	14 459	1 377.0	1979	88 05
64	7.50	0.080	0.45	0.85	55	875	41	10 182	1 373.5	1982	82 07 - SUSP 82 09
64	7.54	0.060	0.30	0.74	62	829	85	15 950	1 916.6	1968	82 08 - GPP
48	15.20	0.079	0.16	0.74	96	830	84	16 022	1 863.1	1967	86 11
80	82.00	0.078	0.14	0.65	160	806	91	18 730	1 993.7	1967	79 12 - GPP
10	30.50	0.070	0.20	0.65	160	806	85	16 480	1 742.5	1968	90 12 - GPP
16	12.00	0.075	0.12	0.75	86	832	74	16 080	1 925.0	1988	90 12
128	0.92	0.150	0.25	0.80	83	845	43	12 680	1 542.4	1963	80 03 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
BLOOR 033-12W4								
GLAUCONITIC C	123.0	<0.01		0.2		0.2	0.2	
BONANZA 081-11W6								
BOUNDARY A TOTAL	6 059.0			761.0	739.0	1 500.0	433.4	1 066.6
PRIMARY AREA	149.0	0.15		22.0		22.0		
WATER FLOOD AREA	5 910.0	0.12	0.12	739.0	739.0	1 478.0		
DOIG A	934.0	0.05		46.7		46.7	0.5	46.2
BONNIE GLEN 046-27W4								
CARDIUM A	4 130.0	0.05		207.0	ERSO	207.0	200.9	6.1
D-2 A	138.0	<0.08		9.8		9.8	9.8	
D-3 A	125 000.0	<0.68		84 700.0		84 700.0	80 861.7	3 838.3
BOUNDARY LAKE SOUTH 085-13W6								
TRIASSIC B	131.0	<0.01		0.2		0.2	0.2	
TRIASSIC C TOTAL	3 586.0			413.0	324.0	737.0	436.8	300.2
PRIMARY AREA	886.0	0.10		88.6		88.6		
WATER FLOOD AREA	2 700.0	0.12	0.12	324.0	324.0	648.0		
TRIASSIC E TOTAL	11 800.0			1 130.0	2 790.0	3 920.0	3 038.1	881.9
PRIMARY AREA	2 500.0	0.10		200.0		200.0		
WATER FLOOD AREA	9 300.0	0.10	0.30	930.0	2 790.0	3 720.0		
TRIASSIC F	50.0	<0.01		0.2		0.2	0.2	
TRIASSIC H TOTAL	3 655.0			366.0	578.0	944.0	361.2	582.8
PRIMARY AREA	445.0	0.10		44.5		44.5		
WATER FLOOD AREA	3 210.0	0.10	0.18	321.0	578.0	899.0		
TRIASSIC I	475.6	0.10		47.5		47.5	24.8	22.7
TRIASSIC J	193.0	0.10		19.3		19.3	6.7	12.6
CHARLIE LAKE A	231.0	0.05		11.6		11.6	7.9	3.7
BOUNDARY A	1 038.0	0.10		104.0		104.0	48.8	55.2
BOUNDARY C	90.8	<0.01		0.1		0.1	0.1	
BRAEBURN 077-10W6								
BOUNDARY A	204.0	0.20		40.8		40.8	25.8	15.0
BOUNDARY B	246.0	0.10		24.6		24.6	11.3	13.3
BRANT 019-25W4								
TURNER VALLEY A	103.0	<0.01		0.1		0.1	0.1	
BRAZEAU RIVER 046-13W5								
BELLY RIVER A	94.1	<0.01		1.4		1.4	1.4	
BELLY RIVER C	1 331.0	0.10		133.0		133.0	52.7	80.3
BELLY RIVER D	194.0	0.10		19.4		19.4	8.2	11.2
BELLY RIVER E	1 980.0	0.10		198.0		198.0	42.9	155.1
BELLY RIVER F	118.0	0.10		11.8		11.8	6.6	5.2
BELLY RIVER G	113.0	0.10		11.3		11.3	1.8	9.5
BELLY RIVER I	127.0	0.10		12.7		12.7	0.2	12.5
BELLY RIVER J	174.0	<0.01		0.1		0.1	0.1	
BELLY RIVER M	214.0	0.10		21.4		21.4	0.2	21.2
BELLY RIVER O	318.0	0.10		31.8		31.8	0.4	31.4
BELLY RIVER P	186.0	0.10		18.6		18.6	1.3	17.3
BELLY RIVER Q	525.0	0.10		52.5		52.5	3.6	48.9
BELLY RIVER S	252.0	0.10		25.2		25.2	0.4	24.8
BELLY RIVER T	133.0	0.10		13.3		13.3	0.7	12.6
BELLY RIVER U	151.0	0.10		15.1		15.1	5.5	9.6
BELLY RIVER V	79.0	0.10		7.9		7.9	3.2	4.7
BELLY RIVER W	171.0	0.10		17.1		17.1	2.5	14.6
BELLY RIVER X	1 265.0	0.10		127.0		127.0	18.3	108.7
BELLY RIVER Z	269.0	<0.01		0.3		0.3	0.3	
BELLY RIVER AA	225.0	0.10		22.5		22.5	1.3	21.2
BELLY RIVER BB	113.0	0.15		17.0		17.0	13.8	3.2
BELLY RIVER FF	3 138.0	0.10		314.0		314.0	58.2	255.8
BELLY RIVER II	2 297.0	0.10		230.0		230.0	60.9	169.1
BELLY RIVER JJ	263.0	0.05		13.2		13.2	0.6	12.6
BELLY RIVER KK	178.0	0.10		17.8		17.8	5.0	12.8
BELLY RIVER LL	328.0	0.10		32.8		32.8	1.7	31.1
BELLY RIVER MM	549.0	0.05		27.4		27.4		27.4
BELLY RIVER NN	71.4	0.10		7.1		7.1		7.1
BELLY RIVER OO	375.0	0.05		18.8		18.8	0.3	18.5
BELLY RIVER PP	165.0	0.10		16.5		16.5	1.3	15.2
BELLY RIVER QQ	602.0	0.05		30.1		30.1		30.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	2.80	0.180	0.55	0.85	56	862	38	8 417	1 066.6	1982	88 12 - ABAND 87 08
2 564					94	862	54	13 475	1 388.9	1973	89 12
64	2.40	0.210	0.45	0.84							
2 500	2.60	0.150	0.28	0.84							
64	17.20	0.140	0.27	0.83	76	845	58	13 862	1 471.4	1989	89 11
1 318	3.26	0.130	0.16	0.88	41	834	49	14 270	1 204.3	1955	83 12 - GPP
67	6.28	0.057	0.20	0.72	124	815	76	14 270	1 946.5	1952	71 12 - ABAND 71 10
3 120	59.13	0.106	0.06	0.68	141	815	81	17 100	2 165.6	1952	83 12
65	1.83	0.197	0.25	0.75	98	844	46	13 100	1 385.6	1965	68 03 - ABAND 67 09
880					110	844	48	12 640	1 306.1	1963	82 08
192	3.18	0.206	0.12	0.80							
688	2.57	0.210	0.09	0.80							- GPP
4 380					92	846	47	12 860	1 330.0	1964	88 01 - GPP
1 024	2.38	0.153	0.15	0.79							
3 356	2.55	0.160	0.14	0.79							
64	0.61	0.175	0.05	0.77	106	844	46	12 560	1 317.7	1964	80 04 - SUSP 79 11
1 562				0.79	92	844	49	12 752	1 283.9	1973	88 08
64	4.99	0.196	0.10	0.79							
1 498	1.99	0.160	0.15	0.79							
192	2.08	0.175	0.18	0.83	62	844	47	12 240	1 303.9	1977	80 11
64	2.30	0.210	0.21	0.79	183	838	47		1 326.5	1988	89 02
64	2.50	0.210	0.15	0.81	36	927	42	22 719	1 291.3	1983	90 11 - GPP
560	1.51	0.170	0.13	0.83	90	844	50	11 468	1 281.9	1983	88 10
64	1.60	0.120	0.11	0.83	60	844	50	12 800	1 312.0	1984	88 12 - SUSP 86 03
128	2.15	0.130	0.16	0.68	110	813	75	15 078	1 787.3	1982	87 12
64	4.00	0.120	0.13	0.92	16	856	67	14 533	1 843.1	1983	84 01
64	7.70	0.050	0.45	0.76	108	900	64	14 690	1 469.0	1980	80 06 - ABAND 85 08
64	1.80	0.170	0.46	0.89	27	869	33	9 650	1 389.3	1978	84 12 - SUSP 83 09
256	8.25	0.127	0.38	0.80	90	810	58	10 394	1 937.4	1985	89 01
64	5.40	0.120	0.40	0.78	90	853	62	10 164	1 984.4	1985	87 04
996	4.01	0.120	0.49	0.81	82	810	61	10 327	1 788.9	1985	90 03 - GPP
64	2.70	0.130	0.35	0.81	82	810	61	10 177	1 771.2	1985	85 11 - GPP
64	4.00	0.090	0.45	0.89	62	826	57	8 769	1 661.1	1985	86 09 - SUSP 88 10
64	3.50	0.120	0.40	0.79	85	857	53	7 884	1 495.0	1985	86 12 - SUSP 87 12
64	4.00	0.140	0.40	0.81	82	810	61	9 567	1 691.2	1986	87 04 - SUSP 86 10
64	7.00	0.110	0.45	0.79	85	812	53	8 769	1 658.3	1986	87 08
64	9.20	0.120	0.40	0.75	111	850	66	10 292	1 827.2	1987	88 02
64	6.40	0.110	0.45	0.75	111	813	66	10 596	1 728.2	1976	88 02
64	13.50	0.135	0.40	0.75	111	800	66	10 644	2 032.0	1987	88 02
64	5.20	0.160	0.40	0.79	87	826	48	9 194	1 760.3	1987	88 04
64	4.05	0.120	0.45	0.78	86	800	57	10 721	1 744.9	1986	90 08
64	5.00	0.110	0.45	0.78	84	830	60	11 176	1 930.8	1987	88 04
64	2.60	0.110	0.45	0.78	84	784	60	11 123	1 921.6	1987	88 04
64	5.20	0.120	0.45	0.78	86	784	58	10 480	1 875.2	1987	88 04
419	5.35	0.120	0.44	0.84	56	810	61	8 218	1 707.2	1987	89 09
64	7.00	0.130	0.45	0.84	56	810	61	9 156	1 893.1	1985	85 07 - ABAND 85 07
64	6.00	0.127	0.45	0.84	56	810	61	7 805	1 761.9	1985	88 08
65	3.05	0.140	0.47	0.77	106	876	54	10 830	2 057.1	1965	88 12 - GPP
527	9.22	0.138	0.40	0.78	93	800	58	10 365	1 766.9	1987	89 09
893	6.48	0.106	0.52	0.78	93	800	63		1 892.8	1961	89 09
64	8.05	0.126	0.50	0.81	73	805	47	11 859	1 737.4	1988	89 09
64	5.50	0.130	0.50	0.78	93	800	63	8 135	1 639.1	1988	89 10
64	9.70	0.120	0.45	0.80	84	799	58		1 642.5	1988	90 04
64	15.00	0.130	0.45	0.80	80	852	48		1 501.3	1989	90 04
64	2.50	0.110	0.48	0.78	84	799	62	9 839	1 692.8	1989	90 05
64	10.50	0.130	0.45	0.78	84	779	62		1 820.6	1988	90 05
64	6.00	0.110	0.50	0.78	84	799	62		2 068.0	1978	90 06
64	12.00	0.140	0.30	0.80	90	811	58	8 937	1 522.2	1989	90 07

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
BRAZEAU RIVER 046-13W5 (CONTINUED)								
BELLY RIVER RR	224.0	0.10		22.4		22.4		22.4
BELLY RIVER H & Y	4 745.0	0.15		712.0		712.0	327.4	384.6
BELLY RIVER CC & DD	243.0	0.10		24.3		24.3	1.8	22.5
CARDIUM A	193.0	0.10		19.3		19.3	17.3	2.0
CARDIUM C	2 117.0	0.10		212.0		212.0	123.5	88.5
CARDIUM D	89.2	<0.01		0.5		0.5	0.5	
CARDIUM G	188.0	0.15		28.2		28.2	16.6	11.6
CARDIUM I	200.0	0.15		30.0		30.0	21.2	8.8
CARDIUM K	708.0	0.10		70.8		70.8	32.6	38.2
CARDIUM O	52.3	0.15		7.8		7.8	5.8	2.0
CARDIUM P	205.0	0.15		30.8		30.8	14.0	16.8
CARDIUM Q	38.6	0.10		3.9		3.9	2.9	1.0
CARDIUM R	331.0	0.08		26.5		26.5	25.6	0.9
CARDIUM T	65.6	0.15		9.8		9.8		9.8
VIKING A	465.0	0.15		70.0		70.0	30.8	39.2
VIKING D	2 750.0	0.17		468.0		468.0	206.2	261.8
LOWER MANNVILLE A	121.0	0.10		12.1		12.1	9.9	2.2
LOWER MANNVILLE B	82.5	<0.03		2.4		2.4	2.4	
LOWER MANNVILLE C	724.0	0.05		36.2		36.2	4.2	32.0
LOWER MANNVILLE D	110.0	0.10		11.0		11.0	1.9	9.1
CADOMIN A	39.7	<0.04		1.3		1.3	1.3	
CADOMIN B	108.0	<0.05		4.4		4.4	4.4	
ROCK CREEK B	378.0	<0.01		0.8		0.8	0.8	
NISKU A SOLVENT FLOOD	5 300.0	0.40	0.35	2 120.0	1 860.0	3 980.0	3 651.7	328.3
NISKU B SOLVENT FLOOD	2 300.0	0.40	0.24	920.0	550.0	1 470.0	1 095.7	374.3
NISKU C	30.0	<0.14		4.1		4.1	4.1	
NISKU D SOLVENT FLOOD	2 700.0	0.50	0.05	1 350.0	135.0	1 485.0	1 148.6	336.4
NISKU E SOLVENT FLOOD	2 300.0	0.45	0.20	1 040.0	460.0	1 500.0	1 475.2	24.8
NISKU G	85.0	0.30		25.5		25.5	17.7	7.8
NISKU H	85.0	0.30		25.5		25.5	21.7	3.8
NISKU I	1 060.0	<0.35		369.0		369.0	265.6	103.4
NISKU L WATER FLOOD	575.0	0.30	0.25	173.0	144.0	317.0	48.5	268.5
NISKU X	595.0	0.30		179.0		179.0	42.9	136.1
BRUCE 047-14W4								
LOWER MANNVILLE I	372.0	<0.01		0.3		0.3	0.3	
ELLERSLIE PP	315.0	<0.01		2.9		2.9	2.9	
WABAMUN L	87.3	0.15		13.1		13.1	0.7	12.4
WABAMUN M	93.0	0.15		14.0		14.0	0.7	13.3
WABAMUN N	47.8	0.15		7.2		7.2	0.1	7.1
STETTLER A	53.0	0.20		10.6		10.6	0.1	10.5
BUFFALO LAKE 039-21W4								
D-3	1 410.0	0.58		818.0		818.0	762.5	55.5
D-3 B	782.0	0.60		470.0		470.0	389.6	80.4
BYEMOOR 034-19W4								
VIKING A	144.0	0.08		11.5		11.5	6.7	4.8
UPPER MANNVILLE A	668.0	0.10		66.8		66.8	5.5	61.3
CACHE 057-11W4								
VIKING D	73.5	<0.01		0.2		0.2	0.2	
CALAIS 070-24W5								
D-3 A	700.0	0.50		350.0		350.0	165.2	184.8
CAMPBELL-NAMAO 054-25W4								
CAMPBELL BLAIRMORE A	2 860.0	0.09		257.0		257.0	244.5	12.5
NAMAO BLAIRMORE C	216.0	0.18		38.9		38.9	36.3	2.6
NAMAO BLAIRMORE D	176.0	0.15		26.4		26.4	22.8	3.6
NAMAO BLAIRMORE E	2 940.0	0.06		176.0		176.0	171.6	4.4
NAMAO BLAIRMORE F	3 960.0	0.10		396.0		396.0	257.0	139.0
BLAIRMORE G	496.0	0.03		14.9		14.9	5.3	9.6
BLAIRMORE J	1 110.0	0.09		100.0		100.0	59.0	41.0
BLAIRMORE M	109.0	<0.01		0.1		0.1	0.1	
BLAIRMORE N	190.0	0.10		19.0		19.0	2.2	16.8

9	10	11	12	13	14	15	16	17	18	19	20
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m^3/m^3	DENSITY kg/m^3	TEMP °C	INITIAL PRESSURE kPa	MEAN FORMATION DEPTH m	DISC YEAR	DATE LAST REVIEWED AND REMARKS
64	6.40	0.100	0.30	0.78	86	800	57		1 755.5	1989	90 07
1 652	5.62	0.117	0.44	0.78	111	828	66	11 866	2 013.0	1964	90 06
64	5.40	0.125	0.25	0.75	111	775	66	10 386	1 857.2	1987	89 01
195	1.52	0.140	0.20	0.58	164	788	71	16 550	2 371.3	1966	83 12 - GPP
2 148	2.36	0.090	0.20	0.58	293	784	77	26 331	2 446.4	1973	90 12
64	3.00	0.101	0.20	0.58	164	826	60	19 960	2 100.9	1980	88 12 - SUSP 86 04
100	4.50	0.090	0.20	0.58	115	783	73	26 177	2 456.8	1981	86 09
103	3.00	0.140	0.20	0.58	240	793	76	25 470	2 417.4	1971	85 12
1 079	1.91	0.080	0.26	0.58	245	796	76	25 895	2 298.6	1973	90 03
64	1.60	0.110	0.20	0.58	210	760	66	25 834	2 364.4	1985	86 03 - GPP
192	2.16	0.120	0.29	0.58	235	808	82	26 646	2 371.4	1986	88 07
64	1.50	0.090	0.23	0.58	235	781	82	27 783	2 427.3	1985	87 05
256	1.85	0.120	0.13	0.67	217	806	76	22 710	2 475.3	1956	88 08 - GPP
64	1.60	0.170	0.35	0.58	245	796	76		2 220.6	1987	89 12
256	1.82	0.160	0.20	0.78	114	815	79	25 240	2 464.0	1973	79 10
2 355	1.18	0.170	0.19	0.72	160	833	80	30 409	2 534.0	1973	88 07
65	4.57	0.090	0.30	0.65	184	815	92	39 610	3 120.2	1967	68 05 - GPP
64	1.52	0.170	0.18	0.60	220	804	99	29 950	2 737.7	1975	78 05 - ABAND 84 07
64	9.75	0.210	0.15	0.65	177	812	95	32 960	3 079.1	1974	87 04 - GPP
64	2.70	0.150	0.35	0.65	180	803	93	27 319	2 884.2	1967	84 10
65	0.91	0.120	0.30	0.80	66	788	96	29 650	3 098.9	1960	88 08 - GPP
64	5.00	0.085	0.25	0.53	352	779	124	32 251	3 119.5	1978	88 08 - GPP
64	8.43	0.124	0.32	0.83	65	803	72	30 251	2 776.3	1983	84 09 - ABAND 90 02
108	73.20	0.110	0.10	0.68	178	806	107	46 530	3 107.4	1977	81 01
90	68.80	0.058	0.14	0.74	130	816	102	32 520	3 070.1	1977	87 12
5	28.65	0.040	0.15	0.60	195	820	107	33 233	3 101.0	1978	83 10 - SUSP 84 06
157	44.88	0.065	0.12	0.67	183	815	102	34 490	3 068.8	1978	90 07
142	40.00	0.100	0.12	0.46	354	799	108	46 200	3 200.0	1978	81 07
20	22.30	0.045	0.23	0.55	255	813	100	38 230	3 148.5	1978	84 12 - SUSP 90 02
102	2.45	0.060	0.10	0.63	189	806	105	43 780	3 133.6	1978	87 12
112	47.10	0.050	0.20	0.50	396	802	102	33 660	3 044.2	1979	80 08
78	20.77	0.120	0.13	0.34	672	788	105	40 977	3 221.8	1982	90 12
97	23.10	0.070	0.12	0.43	417	795	106	34 530	3 296.5	1986	88 04
64	3.40	0.230	0.20	0.93	27	910	34	6 181	865.8	1978	83 12 - SUSP 82 02
64	2.70	0.250	0.20	0.91	35	887	35	6 030	984.6	1985	86 05 - ABAND 89 11
64	1.60	0.170	0.41	0.85	60	875	40	6 861	1 058.6	1987	87 05
64	4.20	0.080	0.53	0.92	21	868	40		1 071.5	1986	88 08 - SUSP 90 04
16	2.50	0.200	0.35	0.92	30	973	40		1 064.8	1988	88 10 - SUSP 89 04
64	2.80	0.060	0.42	0.85	60	868	40	7 246	1 082.3	1986	87 03 - SUSP 87 10
65	28.44	0.101	0.09	0.83	74	892	59	15 170	1 685.2	1961	90 12 - GPP
66	17.20	0.100	0.15	0.81	83	887	57	14 070	1 676.7	1967	84 04
64	2.00	0.200	0.34	0.85	62	828	42	8 079	1 166.0	1977	88 12
192	4.21	0.180	0.46	0.85	64	852	48	8 474	1 215.6	1989	89 12
64	1.20	0.230	0.48	0.80	20	888	28	4 139	475.1	1983	88 12 - SUSP 85 05
97	20.00	0.062	0.12	0.66	190	824	91	25 616	2 823.0	1986	89 02
809	3.08	0.174	0.25	0.88	41	870	47	8 450	1 132.0	1949	85 12 - GPP
47	3.96	0.180	0.29	0.91	41	870	47	8 340	1 136.0	1953	85 12 - GPP
32	3.66	0.210	0.22	0.91	41	870	48	8 410	1 142.1	1959	81 12 - GPP
503	4.18	0.213	0.20	0.82	41	870	46	8 270	1 115.9	1951	67 05 - GPP - MRL
534	4.63	0.220	0.20	0.91	41	870	46	7 830	1 115.9	1966	76 12 - GPP
64	6.00	0.210	0.25	0.82	68	894	41	6 890	1 170.0	1951	89 08 - GPP
313	2.57	0.220	0.30	0.90	43	892	35	7 920	1 142.4	1976	80 12 - GPP
64	1.80	0.150	0.30	0.90	38	850	37	5 194	1 143.3	1983	84 09 - ABAND 84 07
64	4.50	0.150	0.50	0.88	45	864	41	8 248	1 102.8	1984	85 04 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
CAMPBELL-NAMAO 054-25W4 (CONTINUED)								
BLAIRMORE O	588.0	0.03		17.6		17.6	7.6	10.0
BLAIRMORE P	21.0	0.10		2.1		2.1	1.2	0.9
BLAIRMORE Q	330.0	0.10		33.0		33.0	0.6	32.4
BLAIRMORE S	415.0	0:05		20.8		20.8	1.7	19.1
BLAIRMORE T	210.0	0.10		21.0		21.0		21.0
BLAIRMORE U	355.0	0.05		17.8		17.8	2.3	15.5
WABAMUN A	108.0	0.10		10.8		10.8	1.0	9.8
CARBON 029-22W4								
PEKISKO B	133.0	0.06		8.0		8.0	6.3	1.7
PEKISKO E	133.0	<0.10		12.5		12.5	12.0	0.5
CARDIFF 055-02W5								
ELLERSLIE B	122.0	0.10		12.2		12.2	0.9	11.3
WABAMUN A	1 130.0	0.10		113.0		113.0	28.3	84.7
CARIBOU 062-10W5								
BEAVERHILL LAKE A	76.3	<0.01		0.7		0.7	0.7	
CAROLINE 035-06W5								
FIRST WHITE SPECKS A	85.2	<0.03		2.1		2.1	2.1	
CARDIUM A	191.0	<0.02		2.7		2.7	2.7	
CARDIUM B	58.0	<0.09		5.3		5.3	5.3	
CARDIUM C	191.0	<0.05		9.5		9.5	8.1	1.4
CARDIUM D	96.5	<0.04		3.2		3.2	3.2	
CARDIUM E TOTAL	9 139.0			825.0	1 412.0	2 238.0	1 691.6	546.4
PRIMARY AREA	300.0	0.10		30.0		30.0		
SOLVENT FLOOD AREA	4 400.0	0.09	0.21	396.0	924.0	1 320.0		
WATER FLOOD AREA	4 439.0	0.09	0.11	399.9	487.9	887.9		
CARDIUM F	530.0	<0.14		71.6		71.6	54.2	17.4
CARDIUM G	101.0	<0.02		1.7		1.7	1.7	
CARDIUM H	65.9	<0.04		2.5		2.5	2.5	
CARDIUM I	94.2	0.15		14.1		14.1	6.9	7.2
CARDIUM K	59.9	0.15		9.0		9.0	2.5	6.5
SECOND WHITE SPECKS A	164.0	<0.01		0.9		0.9	0.9	
SECOND WHITE SPECKS B	75.3	0.15		11.3		11.3	0.8	10.5
VIKING A	9 800.0	0.12		1 180.0		1 180.0	963.2	216.8
VIKING F	157.0	0.10		15.7		15.7	10.7	5.0
VIKING G	219.0	<0.13		27.1		27.1	2.1	25.0
VIKING H	82.2	<0.06		4.8		4.8	4.8	
VIKING I	140.0	<0.02		1.7		1.7	1.7	
VIKING J	157.0	<0.02		2.0		2.0	2.0	
VIKING L	73.9	0.15		11.1		11.1	9.2	1.9
VIKING M	164.0	0.01		1.6		1.6	0.6	1.0
VIKING N	37.3	<0.01		0.3		0.3	0.3	
VIKING O	122.0	0.10		12.2		12.2	2.5	9.7
VIKING P	89.1	<0.01		0.4		0.4	0.4	
VIKING R	50.0	0.20		10.0		10.0	4.0	6.0
VIKING S	500.0	0.20		100.0		100.0	61.7	38.3
VIKING T	382.0	0.10		38.2		38.2	23.3	14.9
VIKING U	214.0	0.10		21.4		21.4	7.1	14.3
VIKING W	72.2	<0.01		0.6		0.6	0.6	
VIKING X	1 256.0	0.10		126.0		126.0	62.7	63.3
VIKING Y	96.0	0.10		9.6		9.6	0.3	9.3
VIKING AA	34.0	0.15		5.1		5.1	2.5	2.6
VIKING BB	108.0	0.05		5.4		5.4	0.3	5.1
UPPER MANNVILLE A	187.0	<0.01		0.4		0.4	0.4	
BASAL MANNVILLE W	211.0	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE TTT MU #3	195.0	0.20		39.0		39.0	29.5	9.5
BASAL MANNVILLE A2A	161.0	0.05		8.1		8.1	1.2	6.9
BASAL MANNVILLE C2C, D2D, E2E & F2F	141.0	0.10		14.1		14.1	1.6	12.5
BASAL MANNVILLE G2G, H2H & I2I	118.0	0.10		11.8		11.8	2.9	8.9
BASAL MANNVILLE N3N	153.0	0.15		23.0		23.0	12.6	10.4
BASAL MANNVILLE O3O	207.0	0.15		31.1		31.1	16.9	14.2
RUNDLE A TOTAL	26 310.0			5 261.0	3 960.0	9 221.0	8 254.1	966.9
PRIMARY AREA	6 505.0	0.20		1 301.0		1 301.0		

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	6.40	0.250	0.30	0.82	71	844	51		1 114.9	1976	88 01
16	1.60	0.210	0.57	0.91	39	879	30	7 349	1 072.5	1985	90 11 - GPP
64	3.80	0.230	0.33	0.88	45	870	46	8 247	1 084.9	1987	87 07
64	4.30	0.230	0.20	0.82	71	844	51	7 341	1 069.0	1988	90 03
64	2.60	0.220	0.30	0.82	71	845	51	6 913	1 088.6	1989	90 09
64	4.60	0.210	0.30	0.82	71	845	51		1 092.6	1989	90 09
64	1.70	0.180	0.35	0.85	48	854	38	7 389	1 167.9	1981	86 12
64	5.50	0.065	0.30	0.83	69	865	53	11 610	1 574.9	1975	86 12 - GPP
64	5.50	0.065	0.30	0.83	69	865	53	11 631	1 592.8	1973	85 03 - GPP
64	2.00	0.270	0.12	0.40	110	788	51	9 900	1 279.0	1985	85 07
256	7.96	0.110	0.44	0.90	50	930	43	10 532	1 401.4	1983	86 04 - GPP
64	3.20	0.070	0.25	0.71	110	839	85	24 122	2 492.8	1985	86 01 - ABAND 90 02
65	2.44	0.120	0.40	0.75	105	881	66	22 170	2 046.1	1975	76 09 - SUSP 76 01
16	12.80	0.151	0.20	0.76	142	797	73	26 030	2 255.5	1961	69 05 - ABAND 67 10
64	3.82	0.039	0.20	0.76	142	801	66	27 240	2 362.8	1965	83 12 - SUSP 82 03
129	1.95	0.158	0.20	0.60	257	784	73	27 550	2 402.7	1973	74 05
64	2.07	0.140	0.20	0.65	186	811	66	27 510	2 378.4	1974	88 12 - SUSP 86 11
9 637					352	797	73	28 880	2 535.3	1974	89 12
283	2.35	0.100	0.15	0.53							
5 107	1.86	0.103	0.15	0.53							
4 247	2.25	0.103	0.15	0.53							
467	3.06	0.080	0.20	0.58	246	801	77	28 030	2 451.9	1976	90 12
64	3.05	0.110	0.15	0.55	312	801	69	22 090	2 429.4	1975	78 02 - SUSP 83 06
65	1.83	0.120	0.20	0.58	246	801	74	21 930	2 412.2	1975	88 12 - SUSP 86 11
64	2.10	0.110	0.15	0.75	140	836	70	22 271	2 521.8	1985	87 04
64	2.40	0.100	0.25	0.52	312	802	74	27 283	2 411.8	1989	89 06
64	5.00	0.100	0.30	0.73	120	820	65	20 380	2 621.5	1978	81 12 - ABAND 83 07
64	7.00	0.030	0.20	0.70	127	796	75	15 910	2 298.5	1988	89 03
7 744	3.10	0.080	0.30	0.73	89	825	89	17 000	2 663.0	1957	80 08 - GPP
98	3.05	0.100	0.30	0.75	89	825	89	16 980	2 471.0	1968	83 06 - GPP
192	3.23	0.076	0.38	0.75	139	793	77	17 580	2 716.6	1977	82 04 - GPP
64	4.74	0.070	0.47	0.73	110	790	85	21 781	2 786.9	1979	80 06 - ABAND 83 01
64	7.02	0.074	0.37	0.67	200	788	60	17 323	2 714.5	1978	83 12 - ABAND 80 11
64	6.50	0.070	0.25	0.72	125	849	60	17 020	2 677.5	1980	83 09 - SUSP 86 04
64	3.70	0.080	0.35	0.60	213	844	85	16 880	2 457.3	1955	82 11 - GPP
64	6.10	0.100	0.30	0.60	210	844	66	20 041	2 417.0	1962	83 12 - GPP
64	1.90	0.069	0.26	0.60	200	839	85	16 880	2 457.2	1985	88 12 - SUSP 86 05
64	7.50	0.065	0.35	0.60	195	803	89	19 247	2 574.7	1982	82 11
64	3.00	0.090	0.23	0.67	181	808	78	17 640	2 583.0	1986	89 12 - SUSP 87 04
64	2.48	0.060	0.30	0.75	120	816	87	20 935	2 723.0	1987	89 12
673	2.54	0.060	0.35	0.75	120	816	87	27 365	2 787.3	1980	88 12
256	4.36	0.070	0.27	0.67	181	816	87	18 307	2 481.4	1980	84 01
64	5.80	0.100	0.20	0.72	128	849	59	18 758	2 422.4	1981	82 03
64	3.21	0.069	0.24	0.67	181	808	87	18 400	2 486.5	1985	89 12 - SUSP 86 10
1 019	3.23	0.078	0.27	0.67	181	808	87	18 179	2 507.5	1984	89 01
64	3.00	0.100	0.25	0.67	181	808	87	18 400	2 480.5	1986	88 12 - SUSP 89 03
64	1.10	0.120	0.32	0.60	230	818	84		2 558.6	1988	90 02
64	5.40	0.080	0.40	0.65	207	817	92	15 597	2 459.9	1958	90 12
64	4.00	0.130	0.12	0.64	181	863	81	27 724	2 718.9	1981	86 12 - SUSP 85 08
64	5.00	0.110	0.22	0.77	78	811	110	14 500	2 839.5	1980	88 12 - SUSP 86 02
96	2.70	0.130	0.25	0.77	483	811	92	30 697	2 698.0	1957	88 12 - GPP
64	3.90	0.130	0.20	0.62	191	806	88	27 489	2 724.7	1982	87 12 - GPP
64	4.60	0.090	0.24	0.70	191	807	88	29 133	2 542.7	1986	87 01 - GPP
64	2.70	0.120	0.19	0.70	191	807	88	30 400	2 555.0	1986	87 01 - GPP
64	5.82	0.073	0.25	0.75	105	830	88	28 698	2 800.6	1981	84 12
64	4.90	0.100	0.12	0.75	125	832	92	28 850	2 916.6	1981	84 12
7 375					130	844	91	25 370	2 720.3	1955	89 12
2 949	6.08	0.070	0.29	0.73							

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CAROLINE 035-06W5 (CONTINUED)								
WATER FLOOD AREA	19 800.0	0.20	0.20	3 960.0	3 960.0	7 920.0		
RUNDLE C	129.0	0.10		12.9		12.9	1.8	11.1
RUNDLE D	375.0	0.15		56.3		56.3	44.7	11.6
ELKTON M	721.0	0.15		108.0		108.0	36.4	71.6
CARROT CREEK 052-13W5								
CARDIUM A TOTAL	868.0			104.4	105.0	209.0	121.7	87.3
PRIMARY AREA	64.0	0.12		7.6		7.6		
WATER FLOOD AREA	804.0	0.12	0.13	97.0	104.0	201.0		
CARDIUM B	121.0	0.17		20.8	ERSO	20.8	19.3	1.5
CARDIUM C	636.0	0.05		31.8		31.8	25.5	6.3
CARDIUM D TOTAL	3 000.0			300.0	495.0	795.0	224.2	570.8
PRIMARY AREA	525.0	<0.10		52.0		52.0		
WATER FLOOD AREA	2 475.0	0.10	0.20	248.0	495.0	743.0		
CARDIUM E TOTAL	442.0			66.4	43.3	110.0	64.1	45.9
PRIMARY AREA	9.1	0.15		1.4		1.4		
WATER FLOOD AREA	433.0	0.15	0.10	65.0	43.3	108.0		
CARDIUM F TOTAL	5 460.0			820.0	632.0	1 452.0	795.4	656.6
PRIMARY AREA	2 300.0	0.15		345.0		345.0		
WATER FLOOD AREA	3 160.0	0.15	0.20	474.0	632.0	1 106.0		
CARDIUM H	151.0	0.10		15.1		15.1	1.6	13.5
CARDIUM I	173.0	0.10		17.3		17.3	14.7	2.6
CARDIUM K TOTAL	2 500.0			300.0	460.0	760.0	204.4	555.6
PRIMARY AREA	200.0	0.12		24.0		24.0		
WATER FLOOD AREA	2 300.0	0.12	0.20	276.0	460.0	736.0		
CARDIUM S	435.0	0.10		43.5		43.5	13.5	30.0
CARDIUM V	162.0	<0.01		0.1		0.1	0.1	
CARDIUM AA	85.6	0.10		8.6		8.6	3.7	4.9
CARDIUM DD	113.0	0.10		11.3		11.3	7.2	4.1
CARDIUM EE	669.0	0.15		100.0		100.0	29.5	70.5
CARDIUM FF	186.0	0.10		18.6		18.6	2.2	16.4
CARDIUM GG	575.0	0.10		57.5		57.5	40.7	16.8
CARDIUM HH	276.0	0.15		41.4		41.4	9.3	32.1
CARDIUM JJ	598.0	0.15		89.7		89.7	12.2	77.5
CARDIUM MM	213.0	0.10		21.3		21.3	4.4	16.9
CARDIUM NN	286.0	0.10		28.6		28.6	1.9	26.7
CARDIUM OO	42.4	<0.02		1.0		1.0	1.0	
CARDIUM PP	294.0	0.15		44.1		44.1	12.2	31.9
CARDIUM QQ	55.0	0.10		5.5		5.5	4.7	0.8
LOWER MANNVILLE A	301.0	0.01		3.0		3.0	2.4	0.6
LOWER MANNVILLE B	221.0	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE N	73.7	0.10		7.4		7.4	1.3	6.1
LOWER MANNVILLE T	174.0	<0.02		2.2		2.2	2.2	
LOWER MANNVILLE V	154.0	0.10		15.4		15.4	6.2	9.2
LOWER MANNVILLE W	234.0	0.10		23.4		23.4	1.2	22.2
LOWER MANNVILLE BB	117.0	0.05		5.9		5.9	0.2	5.7
LOWER MANNVILLE M, JURASSIC V & W	4 600.0	0.08		368.0		368.0	177.3	190.7
JURASSIC A	213.0	<0.01		0.2		0.2	0.2	
JURASSIC X, AA & CC	254.0	0.10		25.4		25.4	3.8	21.6
CARSON CREEK 061-11W5								
VIKING A	315.0	0.10		31.5		31.5	9.2	22.3
CARSON CREEK NORTH 062-12W5								
BEAVERHILL LAKE A & B TOTAL	60 200.0			9 030.0	18 500.0	27 530.0	23 180.0	4 350.0
PRIMARY AREA	198.0	0.15		29.7		29.7		
WATER FLOOD AREA	60 000.0	0.15	0.30	9 000.0	18 500.0	27 500.0		
CARSTAIRS 030-02W5								
CARDIUM A	240.0	0.03		7.2		7.2	3.1	4.1
CARDIUM B	23.3	<0.01		0.2		0.2	0.2	
BLACKSTONE A	129.0	<0.01		0.1		0.1	0.1	
VIKING B	200.0	0.10		20.0		20.0	16.8	3.2
VIKING C	131.0	0.10		13.1		13.1	5.3	7.8
CAVALIER 024-23W4								
GLAUCONITIC A	449.0	0.10		44.9		44.9	20.7	24.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
4 426	8.20	0.090	0.17	0.73							- GPP
64	8.20	0.050	0.30	0.70	195	863	93	27 806	2 801.9	1985	86 01
163	4.75	0.080	0.17	0.73	127	865	90	22 255	2 735.3	1960	89 02
128	6.99	0.140	0.20	0.72	150	847	31	23 526	2 727.6	1985	90 08
403					53	834	57	10 310	1 661.2	1963	88 12 - GPP
32	3.20	0.100	0.27	0.85							
371	4.80	0.072	0.27	0.85							
130	2.21	0.065	0.20	0.81	62	829	61	10 480	1 661.2	1967	89 12
259	3.96	0.080	0.10	0.86	57	849	70	9 980	1 614.2	1973	75 12 - GPP
960					65	844	52	10 450	1 596.4	1973	89 01
254	3.52	0.082	0.15	0.84							
706	5.99	0.082	0.15	0.84							
196					78	835	57	10 539	1 636.1	1980	88 07
63	0.56	0.036	0.13	0.83							
133	7.54	0.060	0.13	0.83							
1 870					65	854	56	10 247	1 613.6	1973	89 05
710	5.04	0.090	0.14	0.83							
1 160	4.24	0.090	0.14	0.83							
128	5.20	0.040	0.27	0.77	63	840	57	8 997	1 603.1	1979	88 11 - GPP
64	4.99	0.071	0.10	0.86	53	834	57	7 236	1 510.0	1967	84 12 - SUSP 89 02
837					50	838	68	10 889	1 769.2	1982	88 06
128	3.03	0.072	0.15	0.84							
709	6.31	0.072	0.15	0.84							
192	3.74	0.080	0.11	0.85	65	836	56	12 335	1 520.4	1984	85 11 - SUSP 89 05
64	3.00	0.110	0.10	0.85	50	838	68	9 020	1 628.4	1984	84 12 - ABAND 88 11
128	1.69	0.066	0.25	0.80	48	842	68	9 051	1 564.2	1984	85 08 - GPP
20	11.40	0.083	0.30	0.85	50	852	68	10 515	1 586.6	1985	88 08
128	9.32	0.070	0.10	0.89	51	845	56	9 099	1 597.9	1985	86 07
64	2.70	0.170	0.21	0.80	104	826	63	9 063	1 565.5	1983	85 10
537	2.30	0.072	0.24	0.85	54	837	57	10 486	1 564.2	1983	90 08
64	9.65	0.075	0.30	0.85	61	819	60	10 469	1 563.3	1985	88 03
128	10.47	0.070	0.25	0.85	61	819	60	10 545	1 579.2	1986	87 02
64	5.70	0.081	0.15	0.85	75	849	56	11 732	1 401.5	1985	86 10
64	9.23	0.076	0.25	0.85	55	834	59	8 955	1 543.2	1987	88 01
64	1.00	0.120	0.35	0.85	61	819	60	9 815	1 578.2	1985	88 03 - ABAND 88 10
64	7.50	0.090	0.20	0.85	61	819	60		1 591.5	1987	88 12
11	9.22	0.070	0.10	0.86	46	793	57		1 662.2	1966	89 12 - SUSP 90 09
64	6.40	0.150	0.30	0.70	135	835	62	15 560	2 182.5	1978	82 12 - GPP
64	6.40	0.140	0.45	0.70	125	842	82	17 910	2 175.2	1979	85 09 - ABAND 90 05
64	2.30	0.130	0.45	0.70	130	884	86	17 794	2 180.9	1980	82 03 - GPP
64	5.00	0.120	0.38	0.73	110	846	59	15 978	2 129.3	1981	88 12 - SUSP 85 10
64	5.20	0.096	0.35	0.74	105	826	78	17 114	2 100.0	1986	87 03
64	7.30	0.110	0.35	0.70	125	844	84	16 208	2 166.6	1987	87 12
64	2.20	0.140	0.20	0.74	116	827	78		1 987.2	1988	90 09
1 054	8.61	0.110	0.36	0.72	53	834	57	16 999	2 127.4	1976	84 04
64	7.00	0.100	0.35	0.73	125	850	60	16 995	2 187.5	1979	83 12 - ABAND 80 02
64	7.50	0.130	0.45	0.74	115	864	60	16 853	2 192.8	1979	85 03 - GPP
128	2.70	0.166	0.37	0.87	50	836	56	8 329	1 378.8	1988	88 09 - GPP
7 228					274	806	88	25 880	2 662.7	1958	89 12
128	3.84	0.080	0.16	0.60							
7 100	21.93	0.080	0.14	0.56							- GPP
64	6.00	0.130	0.35	0.74	119	836	66	22 297	1 981.0	1983	86 12
64	1.00	0.070	0.35	0.80	82	854	59	16 512	1 956.5	1983	84 10 - SUSP 84 08
64	4.50	0.080	0.30	0.80	85	844	61	20 904	2 037.0	1983	85 03 - SUSP 85 06
128	2.72	0.110	0.37	0.83	68	835	71	13 708	2 206.8	1958	89 07
64	3.00	0.150	0.45	0.83	68	835	71	12 017	2 175.0	1980	84 04 - GPP
128	2.82	0.190	0.21	0.83	70	871	49	11 806	1 586.3	1978	83 06 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CECIL 084-08W6								
CHARLIE LAKE A	10 520.0	0.20		2 104.0		2 104.0	435.1	1 668.9
CHARLIE LAKE B	359.0	<0.01		0.3		0.3	0.3	
CHARLIE LAKE C	152.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE D	61.5	0.10		6.2		6.2	0.4	5.8
CHARLIE LAKE O	1 086.0	0.10		109.0		109.0	6.4	102.6
CHARLIE LAKE L & M	3 758.0	0.15		563.0		563.0	41.6	521.4
CENTRON 023-26W4								
LOWER MANNVILLE A	70.0	0.10		7.0		7.0	0.3	6.7
CESSFORD 025-13W4								
VIKING Y	145.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC T & MANNVILLE HH	191.0	0.03		5.7		5.7	3.3	2.4
BANFF B	6 800.0	0.10		680.0		680.0	279.0	401.0
BANFF E	125.0	0.10		12.5		12.5	2.0	10.5
BANFF F	147.0	<0.01		0.1		0.1		0.1
CHAIN 033-17W4								
VIKING A	49.5	<0.01		0.1		0.1	0.1	
VIKING D	516.0	0.12		61.9		61.9	49.6	12.3
VIKING E	61.9	<0.01		0.1		0.1	0.1	
VIKING F	138.0	0.10		13.8		13.8	4.4	9.4
BANFF A	3 100.0	0.15		465.0		465.0	159.2	305.8
BANFF B	108.0	0.10		10.8		10.8	4.8	6.0
BANFF D	97.8	0.20		19.6		19.6	8.9	10.7
BANFF E	27.6	<0.01		0.2		0.2	0.2	
BANFF F	181.0	0.15		27.2		27.2	1.9	25.3
BANFF G	124.0	0.15		18.6		18.6	8.5	10.1
CHAMBERLAIN 052-23W4								
BLAIRMORE	509.0	0.08		40.7		40.7	31.1	9.6
CHEDDERVILLE 037-07W5								
CARDIUM A	75.2	0.10		7.5		7.5	0.5	7.0
VIKING A	223.0	0.15		33.5		33.5	5.7	27.8
VIKING B	86.0	0.10		8.6		8.6	3.7	4.9
VIKING C	73.9	0.15		11.0		11.0	6.5	4.5
CHERHILL 056-05W5								
VIKING C	101.0	0.15		15.2		15.2	14.3	0.9
VIKING D	124.0	<0.01		1.1		1.1	1.1	
DETRITAL A	58.1	0.10		5.8		5.8	2.0	3.8
BANFF A TOTAL	9 790.0			1 789.0	1 215.0	3 004.0	1 647.0	1 357.0
PRIMARY AREA	1 690.0	0.10		169.0		169.0		
WATER FLOOD AREA	8 100.0	0.20	0.15	1 620.0	1 215.0	2 835.0		
BANFF H	8 006.0	0.04		320.0		320.0	135.9	184.1
BANFF J	109.0	<0.05		5.2		5.2	5.2	
BANFF M	1 080.0	0.20		216.0		216.0	136.8	79.2
BANFF P	327.0	<0.01		0.1		0.1	0.1	
CHICKADEE 061-16W5								
GETHING D	88.1	<0.01		0.2		0.2	0.2	
CHICKEN 061-07W6								
CHINOOK A	157.0	0.10		15.7		15.7	2.6	13.1
CHINOOK B	172.0	0.10		17.2		17.2	0.3	16.9
CHIGWELL 041-24W4								
VIKING B TOTAL	2 702.0			324.0	31.8	356.0	274.8	81.2
PRIMARY AREA	1 642.0	0.12		197.0		197.0		
WATER FLOOD AREA	1 060.0	0.12	0.03	127.0	31.8	159.0		
VIKING D	89.5	<0.05		4.2		4.2	4.2	
VIKING E	8 150.0	0.05		408.0		408.0	261.4	146.6
VIKING F	226.0	<0.01		0.3		0.3	0.3	
MANNVILLE G	134.0	<0.01		0.2		0.2	0.2	
MANNVILLE H	289.0	0.10		28.9		28.9	14.2	14.7
MANNVILLE I	169.0	0.02		3.4		3.4	3.2	0.2
MANNVILLE K	45.9	0.05		2.3		2.3	1.3	1.0
MANNVILLE E & UPPER MANNVILLE A	8 290.0	0.07		580.0		580.0	347.3	232.7
UPPER MANNVILLE B	275.0	0.03		8.3		8.3	4.6	3.7

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
2 480	4.40	0.150	0.27	0.88	44	907	46	10 038	1 094.0	1975	89 06
64	6.39	0.170	0.37	0.82	54	898	42	9 286	864.8	1987	87 12 - ABAND 89 07
32	7.60	0.134	0.47	0.88	45	912	46	10 185	1 152.4	1987	88 08 - ABAND 89 11
32	4.00	0.107	0.49	0.88	45	912	46	10 369	1 154.3	1982	88 08 - SUSP 90 04
296	3.30	0.180	0.29	0.87	45	910	41		1 146.4	1984	90 11
589	5.94	0.170	0.29	0.89	44	849	45	9 625	1 079.8	1987	90 08
64	1.50	0.120	0.24	0.80	180	805	52		1 908.0	1989	90 04
64	2.80	0.150	0.40	0.90	40	850	30	7 260	860.9	1985	86 06 - SUSP 86 01
64	5.00	0.140	0.48	0.82	70	863	47	9 062	1 274.8	1972	85 12
2 501	3.92	0.145	0.45	0.87	46	877	40	9 988	1 282.1	1972	82 07
64	2.20	0.160	0.37	0.88	55	857	50	8 159	1 232.8	1985	86 05 - GPP
64	8.50	0.050	0.38	0.87	50	859	40	8 923	1 317.5	1987	88 07 - ABAND 87 07
64	1.00	0.150	0.40	0.86	50	838	42	6 594	1 067.3	1974	85 10 - ABAND 86 05
632	0.90	0.170	0.38	0.86	62	834	34	8 210	1 125.6	1976	86 10
64	2.50	0.090	0.50	0.86	53	838	39	8 123	1 142.3	1983	89 12 - SUSP 83 10
64	1.60	0.230	0.32	0.86	55	832	36	8 205	1 159.8	1985	86 03
768	9.60	0.070	0.23	0.78	112	865	40	13 928	1 259.5	1984	87 02
64	2.50	0.140	0.40	0.80	50	860	38	9 393	1 236.8	1985	86 03 - GPP
64	4.00	0.070	0.30	0.78	112	856	43	8 350	1 297.3	1985	87 12
64	2.50	0.050	0.54	0.75	113	860	40	8 917	1 240.8	1985	89 12 - SUSP 87 01
64	10.30	0.050	0.27	0.75	113	868	40	9 195	1 249.1	1977	86 11
64	7.20	0.060	0.40	0.75	88	860	40	9 468	1 309.0	1987	88 12
45	7.53	0.252	0.32	0.88	41	892	46	8 210	1 126.5	1951	90 12 - GPP
64	1.70	0.120	0.20	0.72	115	815	70	22 390	2 253.2	1985	86 03
128	4.59	0.080	0.35	0.73	115	815	63	17 278	2 593.0	1987	89 07
64	2.60	0.100	0.37	0.82	68	778	64	17 978	2 642.9	1987	88 08
64	2.48	0.080	0.29	0.82	207	809	92		2 528.4	1988	89 06
64	1.24	0.190	0.20	0.84	62	844	56	8 140	1 140.6	1973	83 12
64	1.86	0.160	0.25	0.87	55	849	38	7 515	1 157.3	1977	83 12 - ABAND 89 03
64	1.00	0.170	0.40	0.89	74	867	45	11 140	1 304.8	1983	86 10
1 066					64	871	48	11 310	1 322.6	1966	88 01
261	8.11	0.150	0.30	0.76							
805	12.61	0.150	0.30	0.76							
1 279	5.71	0.200	0.37	0.87	68	825	41	11 019	1 370.6	1973	89 02
32	4.57	0.140	0.30	0.76				10 035	1 345.9	1968	82 09 - SUSP 84 07
256	7.30	0.110	0.35	0.81	82	863	41	11 296	1 326.2	1976	88 01
64	3.70	0.240	0.33	0.86	48	892	64	10 904	1 351.2	1984	88 12 - SUSP 86 01
64	2.73	0.120	0.40	0.70	156	824	82	13 613	1 830.4	1980	88 12 - SUSP 86 05
64	5.95	0.120	0.51	0.70	120	804	54	11 424	1 938.4	1987	88 03
64	4.22	0.157	0.42	0.70	133	809	44		1 951.6	1988	88 09
1 579					50	844	46	7 830	1 425.9	1959	90 12
1 000	2.34	0.130	0.40	0.90							
579	2.60	0.130	0.40	0.90							
64	3.20	0.120	0.60	0.91	34	830	58	7 975	1 464.6	1982	89 12 - ABAND 88 09
3 376	3.24	0.130	0.37	0.91	34	858	58	8 000	1 403.3	1980	89 03
64	5.70	0.120	0.40	0.86	48	817	57	5 482	1 420.9	1983	85 08 - SUSP 84 07
65	1.83	0.150	0.15	0.89	39	910	51	12 410	1 648.7	1977	77 06 - ABAND 78 05
64	4.00	0.170	0.20	0.83	59	915	63	12 392	1 595.1	1978	78 10
64	2.20	0.170	0.15	0.83	58	850	63	14 135	1 627.3	1978	82 12 - GPP
64	1.20	0.180	0.60	0.83	59	874	63	11 442	1 572.8	1985	86 06 - SUSP 90 03
5 376	1.51	0.150	0.18	0.83	33	921	48	13 450	1 581.6	1964	83 02 - GPP
65	3.35	0.180	0.15	0.83	59	915	63	13 410	1 602.3	1977	80 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
CHIGWELL 041-24W4 (CONTINUED)								
UPPER MANNVILLE C	261.0	<0.01		0.2		0.2	0.2	
GLAUCONITIC A	114.0	<0.01		0.5		0.5	0.5	
D-2 A	473.0	0.20		94.6		94.6	67.5	27.1
D-2 B	116.0	0.10		11.6		11.6	8.5	3.1
D-2 C	499.0	0.12		59.9		59.9	57.1	2.8
D-2 D	98.5	<0.03		2.0		2.0	2.0	
D-3 A	108.0	<0.05		4.8		4.8	4.8	
D-3 B	538.0	0.35		188.0		188.0	163.4	24.6
D-3 C	254.0	<0.01		0.4		0.4	0.4	
D-3 E	228.0	0.45		103.0		103.0	62.1	40.9
D-3 F	74.2	<0.01		0.1		0.1	0.1	
CHIGWELL NORTH 042-24W4								
D-3 A	110.0	<0.01		0.5		0.5	0.5	
CHIP LAKE 053-10W5								
ROCK CREEK A	444.0	0.10		44.4		44.4	9.7	34.7
ROCK CREEK B	830.0	0.10		83.0		83.0	10.8	72.2
CINDY 077-01W6								
DEBOLT A	443.0	0.10		44.3		44.3	3.2	41.1
D-1 A	75.0	0.10		7.5		7.5	4.7	2.8
D-1 B	426.0	0.10		42.6		42.6	8.7	33.9
CLARESHOLM 013-26W4								
BARONS A	300.0	0.20		60.0		60.0	42.0	18.0
BARONS B	15.5	0.10		1.6		1.6	0.3	1.3
GLAUCONITIC C	58.7	0.10		5.9		5.9	3.0	2.9
RUNDLE A	1 920.0	0.04		76.8		76.8	50.9	25.9
RUNDLE B	1 340.0	0.03		40.2		40.2	33.8	6.4
RUNDLE C	56.1	<0.08		4.2		4.2	4.2	
RUNDLE F	186.0	<0.03		3.8		3.8	3.8	
CLEAR PRAIRIE 091-12W6								
GETHING A	304.0	0.05		15.2		15.2	0.2	15.0
TRIASSIC A	186.0	0.10		18.6		18.6	0.3	18.3
CLIVE 040-24W4								
GLAUCONITIC A	195.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC B	64.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC C	242.0	0.10		24.2		24.2	10.3	13.9
D-2 A TOTAL	7 742.0			2 639.0	900.0	3 539.0	2 708.6	830.4
PRIMARY AREA	243.0	0.05		14.0		14.0		
WATER FLOOD AREA	7 499.0	0.35	0.12	2 625.0	900.0	3 525.0		
D-2 B TOTAL	683.0			126.0	50.0	176.0	172.9	3.1
PRIMARY AREA	183.0	<0.01		1.0		1.0		
WATER FLOOD AREA	500.0	0.25	0.10	125.0	50.0	175.0		
D-2 C	34.8	<0.07		2.2		2.2	2.2	
D-3 A TOTAL	13 400.0			5 020.0	1 970.0	6 990.0	5 794.4	1 195.6
PRIMARY AREA	1 060.0	0.08		84.8		84.8		
WATER FLOOD AREA	12 300.0	<0.50	0.16	4 940.0	1 970.0	6 910.0		
CLOVER 061-17W5								
GETHING A	60.5	<0.01		0.1		0.1	0.1	
CORNWALL 070-26W5								
GILWOOD A	204.0	0.20		40.8		40.8	2.5	38.3
COSWAY 030-26W4								
RUNDLE C	160.0	<0.01		0.1		0.1	0.1	
COUTTS 001-16W4								
MOULTON A TOTAL	1 545.0			315.0	294.0	609.0	533.4	75.6
PRIMARY AREA	75.0	0.28		21.0		21.0		
WATER FLOOD AREA	1 470.0	0.20	0.20	294.0	294.0	588.0		
MOULTON B	89.0	<0.01		0.7		0.7	0.7	
MOULTON C	1 560.0	0.05		78.0		78.0	46.4	31.6
CUTBANK A	30.2	0.10		3.0		3.0	1.0	2.0
CUTBANK C	50.4	0.10		5.0		5.0	2.6	2.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	4.00	0.150	0.20	0.85	80	900	60	7 660	1 443.0	1979	80 06 - ABAND 81 01
64	2.00	0.150	0.30	0.85	54	899	62	14 877	1 539.5	1980	83 12 - SUSP 81 12
117	10.63	0.065	0.22	0.75	106	829	70	15 860	1 848.0	1955	84 01 - GPP
65	2.59	0.140	0.42	0.85	106	829	71	16 890	1 882.4	1959	73 02 - GPP
404	4.57	0.045	0.25	0.80	83	829	72	16 930	1 871.8	1968	83 12 - GPP
65	3.96	0.060	0.20	0.80	83	829	57	14 070	1 872.7	1974	75 08 - SUSP 77 07
128	3.02	0.050	0.19	0.69	147	820	60	17 380	1 943.7	1964	83 09 - ABAND 83 09
90	12.16	0.080	0.18	0.75	105	855	63	16 840	1 938.5	1968	89 12 - GPP
64	5.50	0.110	0.10	0.73	110	844	65	19 125	2 131.3	1981	82 03 - SUSP 81 12
83	7.30	0.062	0.17	0.73	129	834	71	14 270	1 907.8	1983	89 12
64	2.30	0.070	0.10	0.80	81	874	56	15 923	1 850.2	1986	87 04 - ABAND 87 08
64	4.50	0.070	0.25	0.73	120	844	59	13 653	1 843.3	1980	82 03 - SUSP 84 07
64	10.50	0.125	0.34	0.80	85	838	58	18 475	1 810.0	1981	82 04
290	3.50	0.140	0.27	0.80	93	841	60	17 240	1 856.6	1978	90 02
110	3.58	0.210	0.20	0.67	163	832	64	15 824	1 534.4	1987	90 03
10	21.80	0.050	0.14	0.80	72	842	70	22 049	2 118.9	1984	90 12 - GPP
32	59.50	0.040	0.30	0.80	68	838	69	22 632	2 136.8	1985	89 12
114	3.80	0.130	0.22	0.68	150	810	51	13 657	2 109.7	1980	84 04
64	0.70	0.050	0.10	0.77	110	813	70	13 784	2 083.6	1987	88 06 - SUSP 88 11
64	1.30	0.120	0.30	0.84	65	857	50	8 486	1 780.7	1980	82 12
129	28.96	0.086	0.16	0.71	131	844	55	19 700	2 065.9	1971	78 12 - GPP
194	14.11	0.081	0.15	0.71	131	844	54	19 650	2 065.6	1972	78 12
65	3.05	0.060	0.35	0.73	128	849	60	20 540	2 068.1	1967	73 01 - SUSP 85 09
64	13.00	0.035	0.15	0.75	135	863	67	24 479	2 180.0	1980	81 10 - ABAND 82 05
64	3.70	0.230	0.38	0.90	35	882	36	7 693	1 090.6	1975	89 06 - SUSP 90 04
64	3.00	0.200	0.45	0.88	43	894	49	8 140	1 052.3	1979	89 06 - SUSP 90 04
64	4.00	0.130	0.35	0.90	35	881	62	11 451	1 585.1	1978	79 01 - ABAND 79 09
64	1.40	0.120	0.30	0.85	58	881	62	11 370	1 578.7	1978	83 12 - SUSP 79 03
64	3.60	0.160	0.27	0.90	35	881	45	10 189	1 520.0	1982	90 12 - GPP
3 395					148	820	69	17 000	1 868.4	1951	90 06
99	9.10	0.049	0.20	0.69							
3 296	8.40	0.049	0.20	0.69							- GPP
322					148	820	68	16 410	1 841.4	1966	87 03 - GPP
64	5.89	0.080	0.12	0.69							
258	6.12	0.052	0.12	0.69							
65	1.22	0.080	0.20	0.69	142	820	67	17 070	1 886.4	1964	70 05 - ABAND 67 01
4 546					155	825	66	17 510	1 898.0	1952	84 12
339	10.30	0.055	0.20	0.69							
4 207	9.63	0.055	0.20	0.69							- GPP
64	1.50	0.150	0.40	0.70	156	824	82	15 461	2 018.0	1980	83 12 - SUSP 83 12
64	4.80	0.100	0.20	0.83	100	844	95	26 632	3 196.4	1983	84 06
64	7.10	0.070	0.38	0.81	78	868	61		1 755.5	1989	89 12 - ABAND 89 09
250					55	825	29	6 520	783.3	1966	88 02
15	4.37	0.190	0.30	0.86							
235	5.47	0.190	0.30	0.86							
64	2.16	0.150	0.50	0.86	64	825	29	6 370	766.0	1969	83 12 - ABAND 86 04
128	9.98	0.200	0.29	0.86	55	825	27	5 800	757.2	1972	89 12
64	0.60	0.140	0.34	0.85	55	820	27	7 023	784.5	1988	88 07
16	2.50	0.190	0.22	0.85	55	820	27		779.2	1988	89 01

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
COYOTE 029-15W4								
GLAUCONITIC G	94.1	<0.01		0.1		0.1	0.1	
BANFF A	70.3	<0.01		0.3		0.3	0.3	
BANFF B	628.0	<0.01		0.1		0.1	0.1	
CRAIGMYLE 032-16W4								
OSTRACOD B	299.0	0.10		29.9		29.9	1.1	28.8
ELLERSLIE E	187.0	0.10		18.7		18.7	1.0	17.7
DETRITAL B	177.0	<0.01		0.2		0.2	0.2	
DETRITAL D	152.0	<0.01		0.1		0.1	0.1	
BANFF A	217.0	0.10		21.7		21.7	8.1	13.6
BANFF B	156.0	0.10		15.6		15.6	6.2	9.4
BANFF E	176.0	0.10		17.6		17.6	0.1	17.5
BANFF F	507.0	0.15		76.1		76.1	18.9	57.2
BANFF G	79.4	<0.01		0.1		0.1	0.1	
BANFF H	180.0	0.10		18.0		18.0	0.1	17.9
BANFF I	893.0	0.15		134.0		134.0	35.9	98.1
BANFF K	484.0	0.12		58.1		58.1	21.6	36.5
BANFF L	113.0	<0.01		0.7		0.7	0.7	
BANFF M	31.5	<0.01		0.1		0.1	0.1	
BANFF N	79.0	0.10		7.9		7.9	0.2	7.7
BANFF O	360.0	<0.01		0.2		0.2	0.2	
BANFF Q	85.4	0.05		4.3		4.3	0.6	3.7
CRANBERRY 026-01W5								
GILWOOD A	96.1	0.20		19.2		19.2	11.3	7.9
CROSSFIELD 026-01W5								
CARDIUM A TOTAL	25 700.0			1 540.0	1 490.0	3 030.0	2 990.2	39.8
PRIMARY AREA	795.0	0.06		47.7		47.7		
WATER FLOOD AREA	24 900.0	0.06	0.06	1 490.0	1 490.0	2 990.0		
CARDIUM B	391.0	0.10		39.1		39.1	22.2	16.9
CARDIUM C	53.7	0.10		5.4		5.4	2.1	3.3
JUMPING POUND A	119.0	0.14		16.7		16.7	12.4	4.3
SECOND WHITE SPECKS A	278.0	0.15		41.7		41.7	35.5	6.2
SECOND WHITE SPECKS B	253.0	0.15		38.0		38.0	30.1	7.9
VIKING A	311.0	0.15		46.7		46.7	24.3	22.4
VIKING B	388.0	0.15		58.2		58.2	43.8	14.4
VIKING C	38.8	0.15		5.8		5.8	4.1	1.7
VIKING E	140.0	0.10		14.0		14.0	1.8	12.2
RUNDLE C	1 000.0	0.20		200.0		200.0	106.0	94.0
RUNDLE E	406.0	0.25		102.0		102.0	73.4	28.6
RUNDLE G	1 230.0	0.25		308.0		308.0	219.4	88.6
RUNDLE J	455.0	0.15		68.3		68.3	7.1	61.2
RUNDLE M	448.0	0.10		44.8		44.8	28.5	16.3
CROSSFIELD EAST 029-01W5								
CARDIUM B	144.0	0.07		10.1		10.1	5.2	4.9
CARDIUM C	2 430.0	0.14		340.0		340.0	289.6	50.4
CARDIUM D	1 148.0	0.06		68.9		68.9	45.5	23.4
CARDIUM F	57.9	0.15		8.7		8.7	4.1	4.6
ELLERSLIE A	212.0	0.05		10.6		10.6	7.8	2.8
ELKTON A	1 060.0	0.17		180.0		180.0	171.9	8.1
ELKTON B	188.0	<0.01		0.1		0.1		0.1
ELKTON D	2 700.0	0.14		378.0		378.0	348.5	29.5
ELKTON F	634.0	0.15		95.1		95.1	66.1	29.0
CRYSTAL 046-03W5								
BELLY RIVER A	389.0	0.10		38.9		38.9	3.3	35.6
VIKING A TOTAL	16 380.0			2 005.0	3 528.0	5 533.0	2 229.4	3 303.6
PRIMARY AREA	2 290.0	0.06		137.0		137.0		
WATER FLOOD AREA	14 090.0	<0.14	0.25	1 868.0	3 528.0	5 396.0		
VIKING H	2 000.0	0.06		120.0		120.0	100.4	19.6
VIKING I	242.0	<0.01		0.2		0.2	0.2	
CULP 078-23W5								
WABAMUN A	280.0	0.10		28.0		28.0	16.4	11.6
WABAMUN B	274.0	0.15		41.1		41.1	20.7	20.4
WABAMUN C	283.0	0.10		28.3		28.3	7.8	20.5
GRANITE WASH A	86.6	0.25		21.7		21.7	7.0	14.7

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	1.50	0.220	0.45	0.81	64	876	43	9 300	1 296.8	1982	84 02 - SUSP 85 02
64	3.00	0.080	0.48	0.88	33	859	47	8 829	1 295.0	1985	85 09 - ABAND 87 01
64	26.80	0.070	0.33	0.78	60	876	45	8 925	1 303.6	1986	86 08 - SUSP 86 08
64	4.50	0.270	0.50	0.77	40	871	51	9 528	1 254.6	1979	85 12 - GPP
64	3.40	0.180	0.38	0.77	58	880	42	9 360	1 273.7	1986	86 08 - GPP
64	2.00	0.210	0.25	0.88	45	860	39	8 298	1 238.0	1986	87 07 - ABAND 89 03
32	4.30	0.180	0.28	0.85	61	834	42	7 376	1 242.3	1986	90 12 - SUSP 87 11
64	9.50	0.070	0.40	0.85	65	869	43	9 641	1 251.8	1984	84 10 - GPP
64	9.00	0.058	0.45	0.85	60	859	39	9 008	1 296.0	1986	86 10
64	15.00	0.037	0.34	0.75	88	860	40	9 561	1 245.7	1986	87 03 - SUSP 88 10
64	23.60	0.070	0.36	0.75	88	860	40	8 618	1 255.3	1986	88 01
64	4.80	0.040	0.24	0.85	61	860	42	9 435	1 237.7	1986	87 04 - SUSP 87 02
64	11.00	0.040	0.25	0.85	61	860	37	9 033	1 262.5	1986	87 04
192	13.70	0.054	0.26	0.85	60	869	36	9 489	1 268.0	1986	88 03
64	23.98	0.053	0.30	0.85	45	898	41	11 011	1 296.3	1985	89 10
64	8.10	0.040	0.36	0.85	64	880	40	9 665	1 275.1	1986	86 08 - ABAND 89 02
64	4.00	0.030	0.45	0.75	88	878	40	10 952	1 289.5	1985	89 12 - ABAND 89 02
64	2.60	0.080	0.30	0.85	60	870	41	9 617	1 256.3	1986	87 11
64	14.50	0.060	0.24	0.85	60	870	41	9 592	1 236.2	1986	87 11 - ABAND 87 12
64	5.70	0.050	0.40	0.78	58	880	40	8 799	1 288.8	1986	89 12
64	3.00	0.110	0.35	0.70	68	825	62	22 888	2 461.5	1980	82 02 - GPP
12 910					82	834	66	25 300	2 033.9	1956	81 12 - GPP
259	4.30	0.098	0.10	0.81							
12 651	2.50	0.108	0.10	0.81							
192	2.71	0.110	0.10	0.76	53	834	54	8 270	1 719.4	1961	84 12 - GPP
64	1.30	0.100	0.15	0.76	105	851	54	8 230	1 634.7	1982	84 03 - SUSP 89 11
110	1.22	0.160	0.30	0.79	82	834	66	28 270	2 082.7	1961	82 12 - GPP
285	6.64	0.030	0.30	0.70	89	815	49	28 270	2 235.4	1974	87 12 - GPP
64	3.00	0.220	0.20	0.75	85	827	70	27 598	2 171.5	1980	87 12
262	1.90	0.110	0.29	0.80	44	839	64	22 385	2 176.0	1964	86 09 - GPP
701	1.11	0.120	0.48	0.80	84	838	80	14 428	2 238.7	1982	89 12
64	1.60	0.080	0.40	0.79	84	838	80	16 046	2 290.2	1982	87 12
64	5.97	0.077	0.44	0.85	48	811	72	15 905	2 270.0	1983	85 03
128	12.98	0.110	0.28	0.76	133	865	81	20 197	2 607.1	1963	86 10
64	6.70	0.150	0.17	0.76	121	860	71	19 510	2 114.4	1967	90 06
202	12.19	0.102	0.30	0.70	131	860	81	22 340	2 601.8	1973	76 06
64	15.27	0.084	0.27	0.76	103	871	81	20 761	2 614.5	1988	89 02
64	12.50	0.110	0.27	0.76	121	860	71		2 100.8	1970	90 06
128	1.60	0.110	0.15	0.75	46	815	60	20 590	1 720.6	1965	83 10
3 091	1.14	0.100	0.14	0.80	69	849	59	20 943	1 765.9	1954	89 12
473	3.31	0.115	0.15	0.75	53	815	63	20 586	1 657.8	1966	88 07 - GPP
64	1.00	0.130	0.13	0.80	85	850	50	14 150	1 637.5	1984	85 06
64	5.30	0.100	0.30	0.89	35	874	66	15 250	2 103.8	1977	79 01 - GPP
486	6.74	0.060	0.17	0.68	195	855	70	20 890	2 291.5	1961	81 12 - GPP
65	11.86	0.047	0.20	0.65	191	855	71	20 690	2 241.2	1965	68 05 - ABAND 67 09
462	11.00	0.092	0.15	0.68	191	855	79	21 100	2 325.1	1960	87 12 - GPP
128	11.40	0.090	0.29	0.68	154	853	79	20 813	2 328.8	1975	87 12
64	7.30	0.170	0.45	0.89	39	845	44	7 246	1 131.1	1986	87 01
5 090					82	825	76	10 316	1 752.0	1978	88 12
2 295	3.91	0.090	0.65	0.81							
2 795	9.56	0.105	0.38	0.81							
1 079	2.85	0.118	0.32	0.81	74	807	60	10 725	1 737.4	1978	90 07
64	11.52	0.090	0.55	0.81	74	835	60	9 396	1 743.9	1985	88 12 - SUSP 86 12
32	40.60	0.045	0.40	0.80	76	858	61	19 541	1 853.7	1985	90 12 - GPP
20	20.90	0.120	0.30	0.78	111	841	60	20 784	1 902.8	1985	90 12 - GPP
16	57.00	0.044	0.15	0.83	62	848	61	19 451	1 839.7	1988	90 12 - GPP
64	1.70	0.150	0.39	0.87	35	835	74	26 282	2 399.0	1986	85 07

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CYGNET 038-01W5								
BELLY RIVER A	283.0	0.05		14.2		14.2	0.4	13.8
VIKING A	385.0	0.15		57.8		57.8	29.4	28.4
VIKING C	176.0	0.15		26.4		26.4	13.3	13.1
VIKING F	140.0	<0.01		0.1		0.1	0.1	
VIKING G	613.0	0.15		92.0		92.0	35.2	56.8
VIKING H	142.0	0.15		21.3		21.3	14.7	6.6
VIKING J	139.0	<0.02		1.6		1.6	1.6	
VIKING K	51.7	0.20		10.3		10.3	7.3	3.0
VIKING M	24.6	0.05		1.2		1.2	0.5	0.7
VIKING N	184.0	0.15		27.6		27.6	7.4	20.2
VIKING O	150.0	0.20		30.0		30.0	17.1	12.9
VIKING P	49.1	0.15		7.4		7.4	1.9	5.5
VIKING Q	85.6	0.15		12.8		12.8	5.1	7.7
VIKING R	106.0	0.15		15.9		15.9	1.5	14.4
GLAUCONITIC A	36.3	<0.01		0.2		0.2	0.2	
GLAUCONITIC B	207.0	0.15		31.1		31.1	7.7	23.4
GLAUCONITIC C	154.0	<0.02		2.1		2.1	2.1	
GLAUCONITIC E	107.0	0.15		16.1		16.1	4.1	12.0
ELLERSLIE A	86.4	0.20		17.3		17.3	5.0	12.3
ELLERSLIE B	30.4	<0.01		0.1		0.1	0.1	
ELLERSLIE C	76.4	0.15		11.5		11.5	3.1	8.4
ELLERSLIE D	117.0	0.10		11.7		11.7	0.5	11.2
ELLERSLIE E	60.5	0.10		6.1		6.1	0.2	5.9
ELLERSLIE J	62.3	0.10		6.2		6.2	1.7	4.5
ELLERSLIE K	134.0	0.10		13.4		13.4	2.5	10.9
ELLERSLIE M	58.2	0.10		5.8		5.8	1.2	4.6
ELLERSLIE R	91.2	<0.01		0.6		0.6	0.6	
PEKISKO A	563.0	0.05		28.2		28.2	8.8	19.4
CYN-PEM 051-11W5								
BELLY RIVER A	269.0	0.03		8.1		8.1	4.4	3.7
BELLY RIVER B	184.0	<0.01		1.8		1.8	1.8	
BELLY RIVER C	698.0	0.10		69.8		69.8	20.4	49.4
CARDIUM A TOTAL	6 480.0			776.0	1 470.0	2 246.0	2 108.6	137.4
PRIMARY AREA	70.0	<0.09		6.0		6.0		
WATER FLOOD AREA	6 410.0	<0.13	0.23	770.0	1 470.0	2 240.0		
CARDIUM B	736.0	0.12		88.3		88.3	43.0	45.3
CARDIUM C TOTAL	1 450.0			169.0	115.0	284.0	186.3	97.7
PRIMARY AREA	90.0	<0.05		4.0		4.0		
WATER FLOOD AREA	1 360.0	<0.12	0.09	165.0	115.0	280.0		
CARDIUM D TOTAL	6 280.0			752.0	1 426.0	2 178.0	1 088.6	1 089.4
PRIMARY AREA	79.6	0.10		8.0		8.0		
WATER FLOOD AREA	6 204.0	0.12	0.23	744.0	1 426.0	2 170.0		
CARDIUM F	54.1	<0.01		0.2		0.2	0.2	
CARDIUM J	239.0	<0.01		2.1		2.1	2.1	
CARDIUM L WATER FLOOD	1 000.0	0.12	0.23	120.0	230.0	350.0	220.9	129.1
CARDIUM M	170.0	0.13		22.1		22.1	18.3	3.8
CARDIUM N	185.0	0.10		18.5		18.5	4.1	14.4
CARDIUM O	900.0	0.20		180.0		180.0	81.7	98.3
CARDIUM P	700.0	<0.09		59.5		59.5	31.5	28.0
CARDIUM Q	54.2	<0.03		1.6		1.6	1.6	
CARDIUM R	49.2	0.12		5.9		5.9	1.4	4.5
CARDIUM T	339.0	0.02		6.8		6.8	3.4	3.4
CARDIUM U	72.6	0.15		10.9		10.9	7.8	3.1
CARDIUM V	84.4	<0.02		1.4		1.4	1.4	
VIKING A	310.0	0.15		46.5		46.5	8.8	37.7
OSTRACOD A	234.0	0.15		35.1		35.1	26.9	8.2
ELLERSLIE E	213.0	0.05		10.7		10.7	3.6	7.1
ROCK CREEK I	63.4	<0.01		0.3		0.3	0.3	
ROCK CREEK K	216.0	<0.01		0.1		0.1	0.1	
ROCK CREEK C & G	313.0	0.03		9.4		9.4	4.4	5.0
NISKU A WATER FLOOD	475.0	0.20	0.25	95.0	119.0	214.0	117.6	96.4
DAVEY 034-27W4								
BELLY RIVER B	2 500.0	0.05		125.0		125.0	76.5	48.5
BELLY RIVER F	857.0	0.05		42.9		42.9	19.0	23.9
BELLY RIVER G	316.0	0.03		9.5		9.5	4.2	5.3
PEKISKO A	3 110.0	0.06		187.0		187.0	153.3	33.7
PEKISKO C	183.0	0.05		9.2		9.2	3.5	5.7
D-2 A	112.0	<0.01		0.3		0.3	0.3	
D-2 B	278.0	<0.01		2.1		2.1	2.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	5.00	0.160	0.40	0.92	27	806	33		1 038.2	1985	90 01 - GPP
607	1.94	0.065	0.37	0.80	130	813	65	13 110	1 641.8	1981	86 06
259	1.89	0.090	0.43	0.70	130	820	57	13 210	1 715.1	1979	85 04 - GPP
64	3.50	0.120	0.35	0.80	78	821	50	12 929	1 688.3	1983	83 12 - SUSP 85 04
1 088	1.60	0.080	0.45	0.80	100	820	65	12 850	1 634.1	1980	86 09
256	1.60	0.080	0.46	0.80	100	818	65	12 716	1 634.2	1980	86 01
64	4.40	0.100	0.35	0.76	130	798	44	7 753	1 723.0	1983	84 04 - ABAND 86 10
192	0.68	0.070	0.31	0.80	83	822	63	11 730	1 687.4	1984	85 11 - SUSP 89 10
64	1.00	0.080	0.40	0.80	99	803	44	13 362	1 670.2	1980	90 11 - GPP
256	2.14	0.060	0.30	0.80	74	821	63	11 441	1 632.6	1985	86 12 - SUSP 88 08
192	2.28	0.070	0.39	0.80	99	802	44	12 334	1 728.1	1986	90 10
64	1.40	0.090	0.22	0.78	99	817	68		1 667.7	1988	89 03
128	2.00	0.080	0.45	0.76	131	820	44	12 784	1 625.4	1985	90 11
128	1.57	0.103	0.36	0.80	80	828	48	9 756	1 677.2	1985	87 10
32	1.50	0.140	0.35	0.83	68	923	62	12 760	1 832.0	1980	80 11 - ABAND 85 01
64	3.70	0.140	0.22	0.80	90	868	65	15 965	1 834.3	1985	85 12
64	2.80	0.130	0.15	0.78	91	877	58	16 172	1 786.9	1985	89 12
64	1.90	0.140	0.17	0.76	90	850	66	14 243	1 830.3	1988	89 01
120	1.00	0.120	0.25	0.80	70	818	61	15 319	1 947.0	1985	87 12 - SUSP 90 02
64	1.10	0.090	0.40	0.80	80	865	58	14 777	1 813.2	1985	89 12 - SUSP 86 07
64	1.20	0.150	0.15	0.78	91	861	69	15 175	1 976.2	1985	86 08
64	2.80	0.110	0.24	0.78	91	907	69	14 668	1 866.9	1986	87 04
64	1.50	0.105	0.25	0.80	71	845	70	13 005	1 891.8	1985	87 10
64	1.30	0.120	0.22	0.80	76	861	74	15 205	1 916.8	1981	82 02
64	3.10	0.120	0.28	0.78	91	879	69	16 571	1 862.2	1988	88 12
64	2.00	0.080	0.28	0.79	91	891	69	15 045	1 883.8	1988	89 03
64	2.70	0.120	0.45	0.80	79	891	70		1 848.8	1989	90 03 - ABAND 90 10
128	9.77	0.084	0.33	0.80	95	913	54	16 497	1 837.1	1985	89 08
64	5.30	0.167	0.40	0.79	87	810	48	8 191	1 206.0	1982	86 12
64	3.20	0.180	0.44	0.89	66	822	37	7 956	1 183.3	1982	83 06 - SUSP 84 12
283	2.80	0.150	0.34	0.89	39	839	41	9 681	1 376.9	1987	90 12
1 447					52	844	56	19 130	1 643.6	1962	86 11
128	0.73	0.097	0.11	0.87							
1 319	6.47	0.097	0.11	0.87							- GPP
192	4.66	0.105	0.10	0.87	52	844	57	19 200	1 672.5	1962	85 08 - GPP
295					52	844	57	19 170	1 652.8	1963	87 03
39	2.72	0.107	0.10	0.88							
256	6.27	0.107	0.10	0.88							
1 498					41	868	54	12 879	1 559.2	1980	89 08
128	1.63	0.051	0.16	0.89							
1 370	6.36	0.100	0.20	0.89							
64	1.20	0.100	0.20	0.88	52	878	56	10 794	1 544.4	1982	82 12 - ABAND 87 11
64	7.00	0.100	0.40	0.89	41	871	54	7 528	1 512.8	1982	89 12 - SUSP 87 06
171	6.51	0.120	0.15	0.88	61	856	56	19 037	1 642.7	1983	85 07
50	7.70	0.064	0.20	0.86	53	845	36	10 234	1 792.1	1983	89 12 - GPP
64	2.88	0.134	0.15	0.88	44	844	58	18 959	1 750.7	1984	85 03
255	4.86	0.100	0.21	0.85	45	844	52	10 011	1 567.0	1982	90 04
545	1.76	0.105	0.22	0.89	42	825	66	19 359	1 803.3	1982	89 06
64	1.72	0.070	0.20	0.88	44	860	58	10 234	1 770.8	1985	86 06 - ABAND 89 06
64	1.30	0.080	0.15	0.87	44	860	58	11 211	1 605.2	1985	86 10
64	6.00	0.130	0.20	0.85	54	834	64	10 237	1 797.8	1980	87 12 - GPP
64	1.50	0.100	0.15	0.89	41	867	54	8 246	1 569.1	1987	89 12
64	2.65	0.065	0.11	0.86	78	835	57	8 710	1 641.6	1981	83 11 - ABAND 90 07
128	3.95	0.140	0.46	0.81	79	845	61	13 393	1 916.2	1986	86 10
128	2.64	0.116	0.17	0.72	384	787	91	28 955	2 381.1	1982	89 03
64	6.04	0.120	0.35	0.70	168	814	63	16 517	2 223.0	1979	83 12 - GPP
64	2.40	0.082	0.32	0.74	120	828	80	19 744	2 207.5	1983	89 12 - SUSP 86 04
64	6.38	0.089	0.30	0.85	120	853	80	16 550	2 174.2	1985	86 06 - SUSP 86 03
64	10.25	0.104	0.38	0.74	120	829	78	15 899	2 177.4	1981	85 12 - GPP
64	13.90	0.090	0.10	0.65	151	806	90	26 600	2 658.7	1978	80 12
384	6.30	0.185	0.40	0.93	17	840	44	4 130	1 211.7	1978	83 05
192	5.43	0.170	0.48	0.93	17	841	44	4 130	1 187.5	1978	87 07
64	4.94	0.185	0.40	0.90	26	854	43	3 961	1 206.5	1980	85 12
768	11.20	0.066	0.27	0.75	98	855	66	12 580	1 988.4	1958	81 12
64	13.60	0.040	0.30	0.75	85	854	59	11 665	1 990.7	1981	84 12 - SUSP 88 12
65	9.75	0.034	0.20	0.65	177	825	66	21 710	2 355.5	1974	78 07 - ABAND 77 12
65	16.46	0.049	0.18	0.65	220	825	66	21 580	2 354.9	1974	80 12 - ABAND 79 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
DAWSON 080-17W5								
BEAVERHILL LAKE A	477.0	0.20		95.4		95.4	79.9	15.5
BEAVERHILL LAKE B	368.0	0.10		36.8		36.8	24.0	12.8
SLAVE POINT A	72.9	<0.04		2.5		2.5	2.5	
SLAVE POINT B	128.0	0.25		32.0		32.0	10.4	21.6
SLAVE POINT C	84.1	<0.07		5.5		5.5	5.5	
SLAVE POINT D	294.0	<0.01		0.6		0.6	0.6	
SLAVE POINT E	17.6	<0.07		1.2		1.2	1.2	
SLAVE POINT F	40.0	<0.17		6.7		6.7	6.7	
SLAVE POINT G	40.0	0.20		8.0		8.0	1.3	6.7
SLAVE POINT H	661.0	0.20		132.0		132.0	28.3	103.7
SLAVE POINT I	189.0	0.15		28.4		28.4	7.8	20.6
SLAVE POINT J	530.0	0.15		79.5		79.5	26.5	53.0
SLAVE POINT K	673.0	0.20		135.0		135.0	15.1	119.9
SLAVE POINT L	51.5	0.10		5.2		5.2	0.2	5.0
SLAVE POINT M	343.0	0.25		85.8		85.8	16.4	69.4
SLAVE POINT N	206.0	0.15		30.9		30.9	4.8	26.1
SLAVE POINT O	93.7	0.30		28.1		28.1	2.7	25.4
GRANITE WASH A	115.0	<0.02		1.5		1.5	1.5	
GRANITE WASH B	337.0	0.10		33.7		33.7	9.5	24.2
GRANITE WASH C	130.0	<0.02		2.1		2.1	2.1	
DEL BONITA 001-21W4								
RUNDLE	397.0	0.29		115.0		115.0	112.0	3.0
DELIA 032-18W4								
ELLERSLIE A	73.4	<0.03		1.6		1.6	1.6	
DIMSDALE 071-07W6								
CHARLIE LAKE A	100.0	0.20		20.0		20.0	8.9	11.1
HALFWAY A	183.0	0.05		9.2		9.2	3.4	5.8
HALFWAY B	82.1	0.10		8.2		8.2	6.7	1.5
DOE 081-12W6								
DOIG A	500.0	0.15		75.0		75.0	12.8	62.2
DONALDA 043-19W4								
VIKING I	282.0	0.05		14.1		14.1	0.2	13.9
UPPER MANNVILLE F	172.0	0.15		25.8		25.8	19.7	6.1
DOWLING LAKE 032-15W4								
UPPER MANNVILLE A	465.0	0.10		46.5		46.5	1.7	44.8
LOWER MANNVILLE B	72.1	<0.01		0.1		0.1	0.1	
BANFF A	55.5	0.10		5.6		5.6	0.1	5.5
DRIFTPILE 073-11W5								
SLAVE POINT A	162.0	0.15		24.3		24.3	3.0	21.3
GILWOOD A	99.6	0.15		14.9		14.9	12.0	2.9
DRUMHELLER 029-19W4								
MANNVILLE A	291.0	0.05		14.6		14.6	10.0	4.6
MANNVILLE F	450.0	0.02		9.0		9.0	5.6	3.4
MANNVILLE I	2 300.0	0.05		115.0		115.0	50.4	64.6
MANNVILLE K	228.0	<0.01		0.2		0.2	0.2	
MANNVILLE L	265.0	<0.01		0.1		0.1	0.1	
MANNVILLE T	157.0	<0.06		7.8		7.8	2.7	5.1
MANNVILLE Y	265.0	<0.01		0.1		0.1	0.1	
MANNVILLE Z	177.0	0.10		17.7		17.7	5.9	11.8
MANNVILLE AA	571.0	<0.01		0.2		0.2	0.2	
MANNVILLE BB	267.0	<0.01		0.2		0.2	0.2	
MANNVILLE DD	1 250.0	0.03		37.5		37.5	19.1	18.4
MANNVILLE FF	305.0	<0.01		1.2		1.2	1.2	
MANNVILLE JJ	233.0	0.05		11.7		11.7	2.6	9.1
UPPER MANNVILLE A	524.0	0.20		105.0		105.0	74.9	30.1
UPPER MANNVILLE C	253.0	0.10		25.3		25.3	9.6	15.7
UPPER MANNVILLE D	36.9	0.10		3.7		3.7	0.7	3.0
UPPER MANNVILLE I	14.8	0.10		1.5		1.5	0.1	1.4
UPPER MANNVILLE K	110.0	0.10		11.0		11.0	0.5	10.5
LOWER MANNVILLE G	367.0	0.10		36.7		36.7	0.3	36.4
LOWER MANNVILLE H	380.0	0.05		19.0		19.0	4.2	14.8
LOWER MANNVILLE I	182.0	0.10		18.2		18.2	2.9	15.3
LOWER MANNVILLE J	155.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE M	473.0	0.10		47.3		47.3	4.8	42.5

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
127	6.38	0.090	0.15	0.77	91	825	69	20 059	2 073.0	1953	86 02
64	5.49	0.160	0.15	0.77	99	834	64	19 622	1 287.5	1973	90 02 - SUSP 90 03
64	2.80	0.066	0.23	0.80	72	839	67	19 515	2 123.5	1984	86 02 - SUSP 86 03
67	3.80	0.080	0.28	0.87	42	840	59	20 253	1 994.1	1982	88 12
64	2.30	0.105	0.32	0.80	70	840	71	20 406	2 122.7	1982	86 02 - SUSP 86 03
64	7.68	0.095	0.30	0.90	29	840	55	21 153	2 120.5	1983	88 12 - SUSP 86 05
64	0.88	0.060	0.40	0.87	42	837	53	18 438	2 073.3	1983	88 12 - SUSP 86 06
96	2.00	0.060	0.60	0.87	92	838	69	20 096	2 074.0	1980	88 12 - SUSP 86 06
64	1.71	0.060	0.30	0.87	45	842	48	19 645	2 037.4	1986	88 12 - SUSP 90 03
192	6.53	0.079	0.25	0.89	38	832	56	19 247	1 933.2	1986	88 01
64	8.40	0.057	0.29	0.87	38	832	56	19 913	2 028.4	1986	86 11
192	6.69	0.069	0.32	0.88	38	832	56	19 631	1 972.7	1985	90 07
64	12.30	0.108	0.10	0.88	39	825	54	19 473	1 992.3	1988	88 11
64	3.40	0.050	0.45	0.86	43	831	67	19 166	2 002.3	1988	88 11 - SUSP 90 03
64	7.19	0.094	0.10	0.88	38	832	56	19 083	1 888.2	1989	89 06
64	5.44	0.083	0.18	0.87	55	853	65	21 364	2 075.6	1988	89 08
64	4.01	0.061	0.32	0.88	39	835	54	21 355	1 879.9	1985	87 03
64	3.00	0.120	0.45	0.91	28	831	50	16 338	2 094.0	1983	86 02 - SUSP 84 02
64	4.50	0.200	0.35	0.90	29	834	60	20 792	2 098.5	1983	87 12
64	3.10	0.100	0.25	0.87	38	840	72	21 264	2 097.4	1981	88 12 - SUSP 86 06
228	7.92	0.050	0.45	0.80	62	839	44	8 270	1 568.8	1936	87 12 - GPP
64	1.50	0.180	0.50	0.85	25	866	39	9 304	1 327.8	1982	89 12 - SUSP 86 12
94	1.00	0.150	0.11	0.80	86	868	74	21 570	2 049.3	1986	88 12
64	6.80	0.084	0.35	0.77	108	820	78	21 897	2 148.8	1980	83 12
64	4.50	0.073	0.45	0.71	120	821	65	21 470	2 180.6	1980	82 05
589	1.45	0.110	0.30	0.76	92	832	72	14 863	1 576.2	1986	88 06
64	4.30	0.190	0.40	0.90	30	856	43	5 686	1 014.4	1971	89 09 - SUSP 89 08
128	1.02	0.210	0.32	0.92	30	856	32	8 011	1 180.6	1986	88 12
64	6.50	0.180	0.27	0.85	59	852	37	8 659	1 175.8	1986	87 11 - GPP
64	2.10	0.100	0.39	0.88	53	892	35	8 736	1 239.9	1987	88 01 - ABAND 87 11
64	4.70	0.035	0.38	0.85	50	880	37	7 938	1 249.4	1987	87 10 - SUSP 89 04
64	7.30	0.070	0.45	0.90	31	843	49	18 810	1 924.5	1985	85 08
64	2.30	0.150	0.45	0.82	66	854	49	20 871	1 948.2	1985	85 08
85	4.07	0.150	0.30	0.80	59	865	49	9 430	1 355.6	1950	83 06 - GPP
71	3.96	0.252	0.28	0.88	44	855	47	10 340	1 303.5	1960	85 07 - GPP
512	8.36	0.140	0.52	0.80	44	855	54	9 340	1 299.5	1959	86 10 - GPP
64	4.60	0.140	0.35	0.85	62	849	54	10 080	1 305.2	1968	79 11 - ABAND 82 05
65	4.27	0.200	0.40	0.80	71	855	56	9 430	1 310.9	1969	70 08 - SUSP 70 02
65	1.83	0.200	0.23	0.86	50	887	46	10 260	1 364.6	1975	77 04
64	7.00	0.100	0.35	0.91	28	887	54	6 300	1 250.3	1978	79 02 - ABAND 79 01
128	1.30	0.220	0.43	0.85	60	858	46	10 282	1 272.1	1978	84 06 - GPP
64	15.90	0.120	0.45	0.85	54	885	46	7 120	1 321.4	1979	83 12 - SUSP 83 01
64	6.30	0.130	0.40	0.85	62	871	47	9 804	1 324.3	1980	83 12 - SUSP 81 06
128	15.90	0.140	0.46	0.81	78	825	47	9 468	1 162.9	1980	84 04 - GPP
64	4.50	0.210	0.37	0.80	78	877	41	9 262	1 324.3	1980	87 12 - ABAND 89 11
64	10.80	0.090	0.56	0.85	59	860	47		1 287.7	1988	89 12 - GPP
128	3.71	0.206	0.33	0.80	62	855	46	9 358	1 269.7	1961	89 12
64	4.70	0.210	0.50	0.80	79	869	50	10 500	1 318.2	1982	82 09
64	1.00	0.160	0.55	0.80	87	869	40	9 200	1 288.2	1979	83 05
64	2.30	0.070	0.82	0.80	60	885	46	9 826	1 355.2	1985	88 03
64	2.40	0.180	0.53	0.85	80	850	40		1 323.8	1987	88 04 - SUSP 88 08
64	8.00	0.110	0.26	0.88	43	887	43	9 760	1 306.0	1984	86 03 - SUSP 90 02
126	4.76	0.150	0.52	0.88	43	879	43	9 435	1 257.7	1981	89 10 - GPP
64	5.30	0.140	0.55	0.85	58	855	44	9 319	1 256.0	1984	85 04 - GPP
64	6.41	0.110	0.57	0.80	80	879	44	8 372	1 313.0	1982	89 12 - SUSP 87 08
64	10.00	0.140	0.40	0.88	52	850	43	8 431	1 255.0	1980	82 03

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
DRUMHELLER 029-19W4 (CONTINUED)								
LOWER MANNVILLE O	155.0	0.10		15.5		15.5	3.6	11.9
LOWER MANNVILLE P	473.0	0.05		23.7		23.7	1.4	22.3
BANFF B	71.4	<0.01		0.1		0.1	0.1	
BANFF C	130.0	0.10		13.0		13.0	1.1	11.9
D-2 A	2 809.0	0.65		1 826.0		1 826.0	1 650.3	175.7
D-2 B	5 750.0	0.50		2 880.0		2 880.0	2 229.5	650.5
D-2 C	172.0	0.15		25.8		25.8	10.7	15.1
DUHAMEL 045-21W4								
WABAMUN A	48.0	<0.08		3.5		3.5	3.5	
D-2 A	2 000.0	0.53		1 060.0		1 060.0	1 024.5	35.5
D-3 A	191.0	<0.10		18.3		18.3	18.3	
D-3 B WATER FLOOD	2 240.0	0.50	0.15	1 120.0	336.0	1 460.0	1 391.9	68.1
DUNVEGAN 079-02W6								
DEBOLT R	177.0	0.10		17.7		17.7	0.1	17.6
EAGLESHAM 077-25W5								
DEBOLT D	149.0	<0.08		11.3		11.3	11.3	
D-1 A	217.0	0.35		76.0		76.0	58.7	17.3
D-1 B	252.0	0.12		30.2		30.2	27.9	2.3
D-1 C	156.0	0.10		15.6		15.6	9.7	5.9
D-1 D	159.0	<0.02		2.1		2.1	2.1	
D-1 E	44.5	0.15		6.7		6.7	0.6	6.1
D-1 F	88.6	0.20		17.7		17.7	0.6	17.1
D-1 G	32.4	0.10		3.2		3.2	0.2	3.0
D-1 H	247.0	0.05		12.4		12.4	1.1	11.3
D-3 A	734.0	0.40		294.0		294.0	280.3	13.7
EAGLESHAM NORTH 078-25W5								
D-1 A	127.0	0.30		38.1		38.1	20.7	17.4
D-1 B	225.0	0.15		33.8		33.8	11.1	22.7
D-1 C	488.0	0.25		122.0		122.0	35.4	86.6
D-1 D	84.1	0.35		29.4		29.4	6.9	22.5
D-1 E	503.0	0.20		100.0		100.0	37.1	62.9
D-1 F	597.0	0.20		119.0		119.0	24.6	94.4
D-1 G	595.0	0.25		149.0		149.0	36.5	112.5
D-1 H	369.0	0.35		129.0		129.0	9.8	119.2
D-1 I	320.0	0.20		64.0		64.0	16.2	47.8
D-1 J	236.0	0.30		70.8		70.8	18.5	52.3
D-1 K	550.0	0.30		165.0		165.0	14.1	150.9
D-1 L	654.0	0.10		65.4		65.4	10.8	54.6
D-1 M	683.0	0.35		239.0		239.0	27.8	211.2
D-1 N	397.0	0.30		119.0		119.0	8.5	110.5
EARRING 083-08W6								
CHARLIE LAKE A	272.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE B	364.0	<0.01		0.1		0.1	0.1	
EDSON 052-17W5								
CARDIUM A	84.7	<0.11		9.3		9.3	9.3	
CARDIUM B TOTAL	3 583.0			364.0	99.0	463.0	431.8	31.2
PRIMARY AREA	273.0	0.12		32.8		32.8		
WATER FLOOD AREA	3 310.0	0.10	0.03	331.0	99.0	430.0		
CARDIUM C	2 640.0	0.05		132.0		132.0	94.4	37.6
CARDIUM E	236.0	0.08		18.9		18.9	5.7	13.2
CARDIUM J	500.0	0.10		50.0		50.0	38.2	11.8
CARDIUM T	150.0	0.10		15.0		15.0	7.3	7.7
CARDIUM U	80.9	0.12		9.7		9.7	8.7	1.0
CARDIUM W	32.4	0.10		3.2		3.2		3.2
CARDIUM EE	55.9	0.10		5.6		5.6	4.1	1.5
CARDIUM II	99.1	0.10		9.9		9.9	4.1	5.8
CARDIUM JJ	250.0	0.10		25.0		25.0	13.5	11.5
CARDIUM KK	105.0	0.17		17.9		17.9	13.5	4.4
CARDIUM OO	38.4	0.15		5.8		5.8	3.2	2.6
CARDIUM SS	109.0	0.10		10.9		10.9	1.2	9.7
CARDIUM TT	45.1	0.20		9.0		9.0	2.9	6.1
CARDIUM UU	26.6	0.12		3.2		3.2	2.6	0.6
CARDIUM VV	66.8	0.12		8.0		8.0	5.9	2.1
CARDIUM XX	62.1	0.10		6.2		6.2	1.0	5.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	3.10	0.160	0.39	0.80	86	887	45	8 105	1 256.5	1988	89 02 - GPP
64	12.90	0.140	0.53	0.87	42	888	70	9 372	1 255.4	1988	89 08
64	2.80	0.070	0.33	0.85	50	876	50	8 903	1 321.4	1979	83 12 - ABAND 80 08
64	2.20	0.150	0.30	0.88	50	877	43		1 270.1	1988	89 10 - SUSP 90 01
677	7.63	0.078	0.17	0.84	66	860	55	13 170	1 655.1	1951	88 12
1 226	9.29	0.076	0.18	0.81	70	855	54	13 200	1 613.7	1961	84 12 - GPP
64	5.00	0.080	0.20	0.84	66	858	55	12 934	1 625.5	1981	83 12 - GPP
65	1.22	0.100	0.30	0.87	44	844	71	8 960	1 374.6	1952	67 02 - SUSP 69 02
507	10.36	0.058	0.20	0.82	68	844	54	10 340	1 375.3	1950	89 12 - GPP
272	4.48	0.028	0.30	0.80	79	844	57	12 890	1 472.2	1956	64 04 - ABAND 69 12
212	20.52	0.073	0.14	0.82	79	844	56	12 930	1 461.2	1950	85 07
64	2.82	0.195	0.28	0.70	131	856	45	10 045	1 498.8	1988	89 03
64	8.31	0.050	0.20	0.70	149	829	51	10 450	1 497.8	1960	83 12 - SUSP 81 02
64	23.00	0.040	0.45	0.67	167	826	64	21 977	2 047.3	1980	90 12
32	19.60	0.080	0.25	0.67	163	835	64	21 777	2 053.1	1981	90 12 - GPP
16	42.30	0.040	0.14	0.67	163	840	64	21 808	2 065.1	1985	89 12 - SUSP 90 01
16	84.00	0.019	0.17	0.75	163	849	64	22 283	2 092.0	1985	90 12 - ABAND 88 05
16	19.80	0.030	0.30	0.67	163	832	64	22 162	2 089.5	1988	90 12 - GPP
16	31.20	0.030	0.27	0.81	57	852	69	22 087	2 093.2	1988	90 02 - SUSP 89 03
32	6.21	0.030	0.19	0.67	163	832	64		2 086.6	1989	89 12 - SUSP 89 10
16	48.63	0.060	0.21	0.67	163	832	64		2 089.0	1989	90 11 - SUSP 90 05
191	10.33	0.062	0.13	0.69	154	820	74	25 060	2 307.0	1959	78 12 - GPP
32	14.10	0.053	0.32	0.78	111	841	60	20 502	1 953.1	1987	90 12
32	24.30	0.051	0.30	0.81	77	33	60	21 297	1 996.8	1988	90 12 - GPP
32	54.00	0.042	0.19	0.83	62	833	61	19 885	1 899.6	1988	90 12
32	8.00	0.060	0.34	0.83	61	849	61		1 970.5	1989	90 12
16	107.40	0.043	0.18	0.83	62	848	61	20 378	1 911.1	1989	90 12
16	77.40	0.070	0.17	0.83	62	849	61	20 203	1 914.6	1989	90 12
16	93.30	0.060	0.20	0.83	62	849	61	20 640	1 959.3	1989	90 12
16	48.00	0.080	0.25	0.80	76	844	60	20 375	1 957.5	1989	90 12 - GPP
16	58.80	0.050	0.18	0.83	111	849	60	19 914	1 889.6	1989	90 12
64	20.00	0.030	0.26	0.83	111	849	60	19 603	1 895.3	1989	90 10
32	38.40	0.070	0.23	0.83	62	849	61	20 818	1 989.0	1989	90 12
32	56.62	0.050	0.13	0.83	62	849	61	20 283	1 964.2	1989	90 11
32	61.20	0.050	0.16	0.83	62	849	61	19 944	1 983.0	1989	90 12
64	72.80	0.027	0.24	0.83	62	849	61		1 967.0	1989	90 12
64	6.50	0.110	0.30	0.85	60	917	48	10 444	1 145.8	1987	88 04 - ABAND 89 11
64	8.60	0.140	0.41	0.80	84	880	43	10 628	1 163.0	1988	88 07 - ABAND 89 11
65	1.52	0.130	0.13	0.76	104	825	61	21 720	1 785.8	1963	89 12 - SUSP 86 07
2 397					104	825	61	22 410	1 843.7	1963	90 12 - GPP
128	3.35	0.101	0.17	0.76							
2 269	2.29	0.101	0.17	0.76							
2 495	2.40	0.090	0.21	0.62	230	815	64	23 250	1 984.1	1972	83 07 - GPP
192	1.79	0.110	0.18	0.76	103	825	60	19 974	1 922.0	1974	84 09
516	1.50	0.100	0.15	0.76	180	802	55	20 800	1 895.6	1978	81 12
97	2.00	0.150	0.15	0.61	200	800	53	20 900	1 909.7	1981	82 12
64	2.00	0.120	0.15	0.62	185	800	63	19 361	1 899.5	1981	86 12
64	0.98	0.080	0.15	0.76	105	802	62	20 800	1 896.3	1981	82 07
64	2.40	0.069	0.15	0.62	190	813	69	21 760	2 002.1	1982	82 11
64	2.70	0.090	0.15	0.75	104	825	63	19 382	1 905.9	1981	83 12
221	2.00	0.095	0.15	0.70	104	800	64	22 739	1 940.2	1980	83 12
64	1.90	0.150	0.07	0.62	195	800	65	16 297	1 900.2	1982	87 12 - GPP
64	1.40	0.080	0.15	0.63	189	819	64	19 229	1 868.0	1982	84 12
64	3.00	0.110	0.18	0.63	189	819	64	19 900	1 918.3	1983	83 10
64	0.85	0.150	0.15	0.65	186	824	65	21 464	1 917.3	1983	87 12
64	0.79	0.100	0.15	0.62	186	824	65	21 050	1 969.5	1981	89 12
88	1.20	0.120	0.15	0.62	189	815	64	17 670	1 916.4	1963	87 12
64	1.30	0.130	0.18	0.70	153	821	64	18 370	1 865.2	1984	85 01 - SUSP 88 03

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
EDSON 052-17W5 (CONTINUED)								
CARDIUM CC & WW	237.0	0.10		23.7		23.7	13.5	10.2
CARDIUM RR & ZZ	1 440.0	0.12		173.0		173.0	98.4	74.6
CARDIUM CCC	168.0	<0.01		0.2		0.2	0.2	
CARDIUM DDD	49.0	0.10		4.9		4.9	1.4	3.5
CARDIUM EEE	148.0	0.05		7.4		7.4	0.4	7.0
CARDIUM I,K,P,AAA & BLUESKY A	8 260.0	0.05		413.0		413.0	304.3	108.7
SECOND WHITE SPECKS A	349.0	0.10		34.9		34.9	16.6	18.3
SECOND WHITE SPECKS B	244.0	0.10		24.4		24.4	2.0	22.4
CADOMIN A	108.0	<0.01		0.5		0.5	0.5	
ELLERSLIE 051-24W4								
BLAIRMORE A	79.6	<0.11		8.1		8.1	8.1	
BLAIRMORE B	186.0	<0.32		59.2		59.2	59.2	
ELMWORTH 070-11W6								
DOE CREEK A	160.0	0.10		16.0		16.0	1.1	14.9
DOE CREEK B	1 635.0	0.10		164.0		164.0	61.4	102.6
DOE CREEK C	55.5	0.10		5.6		5.6	0.9	4.7
DUNVEGAN B	104.0	0.05		5.2		5.2	0.4	4.8
CADOTTE H	253.0	<0.01		0.6		0.6	0.6	
CHARLIE LAKE A	2 780.0	0.15		417.0		417.0	213.5	203.5
CHARLIE LAKE B	114.0	0.10		11.4		11.4	1.4	10.0
ELNORA 035-23W4								
UPPER MANNVILLE E	200.0	0.10		20.0		20.0	10.9	9.1
UPPER MANNVILLE L	300.0	0.20		60.0		60.0	26.0	34.0
LOWER MANNVILLE B	71.3	0.10		7.1		7.1	1.0	6.1
LOWER MANNVILLE D	107.0	0.10		10.7		10.7	0.4	10.3
ENCHANT 012-16W4								
UPPER MANNVILLE K	856.0	<0.01		2.7		2.7	2.7	
LIVINGSTONE A	362.0	0.10		36.2		36.2	14.3	21.9
LIVINGSTONE B	227.0	0.10		22.7		22.7	3.3	19.4
LIVINGSTONE C	178.0	0.10		17.8		17.8	4.4	13.4
LIVINGSTONE D	97.7	0.10		9.8		9.8	0.3	9.5
ARCS A	530.0	0.25		133.0		133.0	61.6	71.4
ARCS B	289.0	0.20		57.8		57.8	8.3	49.5
ARCS C	177.0	0.05		8.9		8.9	1.5	7.4
ARCS D	168.0	0.10		16.8		16.8	8.8	8.0
ARCS E	200.0	0.08		16.0		16.0	8.7	7.3
ARCS H	178.0	<0.01		1.1		1.1	1.1	
ARCS I	404.0	0.10		40.4		40.4	6.5	33.9
ARCS J	220.0	<0.01		0.1		0.1	0.1	
ARCS N	95.1	0.15		14.3		14.3		14.3
ARCS O	112.0	0.15		16.8		16.8	6.0	10.8
ARCS S	184.0	<0.01		0.6		0.6	0.6	
ARCS T	293.0	0.10		29.3		29.3	3.1	26.2
ARCS DD	189.0	0.02		3.8		3.8	0.1	3.7
ARCS F & G	3 936.0	0.15		590.0		590.0	121.7	468.3
ARCS P & R	550.0	0.15		82.0		82.0	12.5	69.5
ARCS W & X	1 176.0	0.12		141.0		141.0		141.0
ARCS K & V	610.0	0.15		91.5		91.5	20.3	71.2
ARCS M & AA	510.0	0.15		76.5		76.5	11.6	64.9
ARCS L & BB	303.0	0.15		45.5		45.5	4.7	40.8
ARCS Y & Z	874.0	0.15		131.0		131.0	10.8	120.2
ARCS CC & EE	860.0	0.10		86.0		86.0	6.4	79.6
ARCS II & JJ	826.0	0.10		82.6		82.6	1.5	81.1
ENTICE 027-24W4								
LOWER MANNVILLE A	331.0	0.02		6.6		6.6	4.0	2.6
PEKISKO A	260.0	0.03		7.8		7.8	4.8	3.0
EQUISETUM 088-06W5								
KEG RIVER A	39.8	0.25		10.0		10.0	0.7	9.3
KEG RIVER B	58.9	0.20		11.8		11.8	0.5	11.3
KEG RIVER C	152.0	0.20		30.4		30.4	3.3	27.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
512	0.88	0.100	0.26	0.71	122	809	63	21 587	1 965.6	1974	84 10
2 083	1.41	0.100	0.27	0.67	189	817	64	17 626	1 870.7	1977	86 07
64	3.00	0.160	0.24	0.72	142	829	67	22 968	1 749.3	1982	88 12 - SUSP 83 07
64	2.00	0.060	0.15	0.75	104	826	63	22 503	2 123.3	1983	83 08
64	3.00	0.122	0.28	0.88	204	825	64		1 934.9	1972	89 05
3 640	4.57	0.100	0.28	0.69	220	813	83	23 264	1 957.2	1962	90 08 - GPP
64	4.60	0.220	0.24	0.71	120	800	65	25 286	2 101.3	1981	83 02
64	12.10	0.050	0.10	0.70	130	825	72	23 822	2 242.0	1987	88 07
64	2.00	0.150	0.20	0.70	140	800	97	22 070	1 995.6	1981	82 04 - SUSP 84 02
83	0.91	0.200	0.30	0.75	46	876	47	8 820	1 188.4	1950	71 05 - ABAND 70 07
135	1.43	0.173	0.36	0.87	46	876	47	8 860	1 184.8	1951	74 04 - ABAND 74 03
64	2.30	0.190	0.35	0.88	50	840	39	9 711	1 167.7	1982	85 12
809	1.70	0.193	0.30	0.88	80	833	40	10 015	1 128.1	1985	89 01
64	1.10	0.160	0.44	0.88	55	835	36	9 800	1 139.4	1985	87 05 - SUSP 89 01
32	3.37	0.180	0.33	0.80	88	816	50	7 345	1 313.3	1988	90 07
64	9.00	0.100	0.43	0.77	100	831	63	14 562	1 715.2	1986	88 12 - SUSP 86 08
768	5.90	0.100	0.16	0.73	114	820	85	3 100	2 396.7	1979	84 11
64	3.40	0.110	0.32	0.70	83	803	18	21 751	2 255.8	1979	83 12
53	4.40	0.150	0.32	0.84	54	875	52	8 340	1 499.7	1987	89 12
64	4.12	0.160	0.10	0.79	78	878	59	8 120	1 622.5	1988	89 12
64	1.50	0.115	0.24	0.85	52	892	64	9 752	1 643.3	1986	86 11 - SUSP 89 01
64	2.00	0.140	0.30	0.85	64	846	48	10 036	1 598.5	1988	89 05
64	11.30	0.190	0.30	0.89	44	891	33	11 800	1 044.7	1982	82 11 - ABAND 89 07
64	13.69	0.077	0.33	0.80	88	855	29	11 091	983.5	1987	90 04
64	5.20	0.135	0.42	0.87	52	862	35	11 141	1 041.6	1987	88 07
64	7.88	0.060	0.30	0.84	70	905	37	10 720	1 015.8	1988	90 03
32	6.50	0.090	0.42	0.90	41	912	39	10 646	999.9	1989	89 08
143	3.76	0.152	0.22	0.83	50	887	35	12 266	1 326.0	1985	89 02
134	2.92	0.110	0.19	0.83	47	854	36	11 060	1 344.8	1986	89 02
32	5.00	0.180	0.30	0.88	47	854	36	12 638	1 331.5	1986	90 12 - GPP
32	8.30	0.080	0.10	0.88	47	854	36	13 500	1 347.2	1986	90 12 - GPP
64	3.50	0.126	0.14	0.83	75	880	36	12 506	1 334.9	1987	90 06 - GPP
32	6.00	0.150	0.29	0.87	52	880	35	12 295	1 340.0	1987	90 12 - ABAND 88 08
64	8.34	0.110	0.21	0.87	52	900	35	12 000	1 356.1	1987	88 04
64	5.60	0.110	0.36	0.87	52	897	35	12 229	1 388.3	1987	88 04 - ABAND 88 12
64	2.90	0.090	0.36	0.89	49	883	35	12 161	1 381.5	1988	89 12 - GPP
64	2.10	0.130	0.28	0.89	49	883	35		1 386.4	1988	88 12
64	4.00	0.140	0.38	0.83	80	890	39	12 210	1 337.5	1988	90 12 - GPP
64	5.10	0.120	0.16	0.89	49	883	35	12 206	1 363.6	1988	89 06 - SUSP 90 04
32	6.00	0.160	0.25	0.82	83	868	35		1 348.6	1986	90 04 - GPP
256	15.60	0.140	0.20	0.88	52	898	35	12 139	1 355.6	1987	90 11
100	8.10	0.110	0.29	0.87	52	862	35	12 020	1 373.1	1988	89 01
192	7.44	0.110	0.14	0.87	52	862	35		1 334.9	1989	89 11
113	5.83	0.130	0.20	0.89	49	849	35	11 439	1 360.8	1987	90 03
92	6.72	0.120	0.21	0.87	52	862	35	11 850	1 363.7	1988	90 03
128	4.20	0.080	0.21	0.89	49	870	35	12 340	1 356.8	1987	90 05
64	16.20	0.114	0.15	0.87	49	883	35		1 357.0	1989	90 09
64	13.50	0.130	0.14	0.89	49	883	35	13 289	1 352.3	1989	90 04
128	10.30	0.100	0.28	0.87	52	862	35	12 347	1 350.6	1986	90 09
64	3.00	0.260	0.21	0.84	67	884	44	10 850	1 575.8	1975	82 12 - SUSP 88 11
64	10.00	0.090	0.45	0.82	52	887	53	11 703	1 689.2	1980	83 12 - GPP
64	2.33	0.060	0.50	0.89	40	830	46	14 758	1 517.3	1987	88 06 - SUSP 88 11
64	2.50	0.056	0.27	0.90	32	824	39	14 507	1 489.0	1987	88 06 - SUSP 89 02
64	5.20	0.080	0.33	0.85	40	830	43	14 502	1 510.3	1988	88 11 - SUSP 90 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ERSKINE 039-20W4								
BLAIRMORE F	192.0	<0.01		1.7		1.7	1.7	
BLAIRMORE G	193.0	0.10		19.3		19.3	1.9	17.4
BLAIRMORE J	465.0	0.10		46.5		46.5	22.5	24.0
BLAIRMORE P	150.0	<0.01		0.4		0.4	0.4	
BLAIRMORE W	206.0	<0.01		0.3		0.3	0.3	
BLAIRMORE X	89.6	0.10		9.0		9.0	4.2	4.8
GLAUCONITIC E	178.0	<0.01		0.1		0.1		0.1
GLAUCONITIC F	201.0	0.10		20.1		20.1	2.5	17.6
GLAUCONITIC I	149.0	0.05		7.5		7.5	0.6	6.9
D-2	456.0	0.10		45.6		45.6	40.9	4.7
D-2 B	59.3	<0.01		0.4		0.4	0.4	
D-2 C	41.6	<0.02		0.8		0.8	0.8	
D-2 E	116.0	<0.01		0.1		0.1	0.1	
D-3	6 390.0	0.60		3 830.0		3 830.0	3 727.0	103.0
ESTHER 032-02W4								
VIKING A	110.0	0.02		2.2		2.2	1.5	0.7
VIKING B & C	840.0	0.10		84.0		84.0	37.3	46.7
ESTUARY 023-22W4								
BASAL QUARTZ A	200.0	<0.01		0.1		0.1	0.1	
ETHEL 067-08W5								
BEAVERHILL LAKE A	1 290.0	0.01		12.9		12.9	10.0	2.9
EVI 087-13W5								
SLAVE POINT A	880.0	0.30		264.0		264.0	98.8	165.2
SLAVE POINT B	1 210.0	0.10		121.0		121.0	99.1	21.9
SLAVE POINT C	280.0	<0.04		10.6		10.6	10.6	
SLAVE POINT D	216.0	0.10		21.6		21.6	14.6	7.0
SLAVE POINT E	66.4	0.10		6.6		6.6	1.4	5.2
SLAVE POINT F	118.0	<0.03		2.5		2.5	2.5	
SLAVE POINT H	1 050.0	0.15		158.0		158.0	53.5	104.5
SLAVE POINT I	153.0	<0.05		7.0		7.0	7.0	
SLAVE POINT K	1 410.0	0.05		70.5		70.5	28.9	41.6
SLAVE POINT L	185.0	0.16		29.6		29.6	13.0	16.6
SLAVE POINT M	62.9	0.30		18.9		18.9	4.2	14.7
SLAVE POINT N	398.0	0.10		39.8		39.8	18.0	21.8
SLAVE POINT O	145.0	<0.01		0.4		0.4	0.4	
SLAVE POINT P	216.0	<0.01		0.2		0.2	0.2	
SLAVE POINT Q	188.0	0.15		28.2		28.2	2.6	25.6
SLAVE POINT R	289.0	<0.01		2.0		2.0	2.0	
SLAVE POINT S	184.0	0.15		27.6		27.6	16.5	11.1
GILWOOD A	1 015.0	0.20		203.0		203.0	128.4	74.6
GILWOOD B	175.0	0.25		43.8		43.8	35.5	8.3
GILWOOD D	191.0	0.20		38.2		38.2	32.1	6.1
GILWOOD G	53.2	0.20		10.6		10.6	8.9	1.7
GILWOOD H	181.0	0.15		27.2		27.2	8.8	18.4
GILWOOD I	710.0	0.25		178.0		178.0	89.2	88.8
GILWOOD J	238.0	0.25		59.5		59.5	35.7	23.8
GILWOOD K	292.0	0.10		29.2		29.2	9.2	20.0
GILWOOD L	184.0	0.25		46.0		46.0	39.8	6.2
GILWOOD O	243.0	0.20		48.6		48.6	39.1	9.5
GILWOOD P	132.0	0.20		26.4		26.4	7.9	18.5
GILWOOD R	131.0	0.25		32.8		32.8	16.6	16.2
GILWOOD S	13.0	<0.15		1.9		1.9	1.9	
GILWOOD T	42.4	0.15		6.4		6.4	2.6	3.8
GILWOOD W	152.0	0.25		38.0		38.0	23.2	14.8
GILWOOD X	70.3	0.25		17.6		17.6		17.6
GILWOOD Y	55.5	0.20		11.1		11.1		11.1
GILWOOD V & GRANITE WASH K	102.0	0.13		13.5		13.5	10.4	3.1
KEG RIVER C	27.0	0.30		8.1		8.1	7.8	0.3
KEG RIVER D	82.1	0.25		20.5		20.5	4.3	16.2
KEG RIVER E	166.0	0.35		58.1		58.1		58.1
KEG RIVER F	137.0	0.35		48.0		48.0		48.0
KEG RIVER A & GRANITE WASH N	4 830.0	0.35		1 690.0		1 690.0	657.1	1 032.9
KEG RIVER B & GRANITE WASH P	5 308.0	0.25		1 327.0		1 327.0	526.8	800.2
GRANITE WASH G	100.0	0.20		20.0		20.0	12.0	8.0
GRANITE WASH H	133.0	0.30		39.9		39.9	29.0	10.9

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	3.10	0.190	0.42	0.88	48	899	50	9 900	1 385.1	1978	79 05 - ABAND 83 09
64	2.20	0.200	0.22	0.88	121	875	52	10 119	1 334.1	1980	85 05
192	2.29	0.190	0.36	0.87	47	880	46	9 991	1 340.2	1982	84 06
64	2.80	0.190	0.50	0.88	48	875	37	8 075	1 379.8	1953	88 12 - SUSP 86 09
64	3.30	0.190	0.39	0.84	64	900	54	9 883	1 348.1	1985	87 12 - SUSP 86 02
64	1.80	0.150	0.39	0.85	57	873	50	10 303	1 323.1	1981	82 09
64	2.40	0.200	0.30	0.83	68	877	44	9 797	1 329.9	1973	83 04 - ABAND 85 04
64	2.70	0.200	0.30	0.83	75	870	50	9 475	1 318.0	1981	81 07
64	2.40	0.180	0.35	0.83	68	877	44	9 360	1 334.7	1973	84 05
58	17.37	0.067	0.15	0.80	76	887	60	11 960	1 577.6	1955	73 12 - GPP
16	9.50	0.065	0.25	0.80	77	899	61	10 418	1 573.3	1980	84 12 - SUSP 84 03
32	3.19	0.060	0.15	0.80	54	887	60	11 304	1 576.2	1954	89 12 - ABAND 89 06
64	2.99	0.100	0.24	0.80	84	887	48	11 035	1 582.8	1984	85 02 - SUSP 84 10
1 720	8.60	0.062	0.15	0.82	84	887	61	15 270	1 642.0	1952	82 12 - GPP
64	1.67	0.220	0.48	0.90	38	871	29	6 696	710.0	1969	90 12 - GPP
444	1.68	0.220	0.43	0.90	44	849	27	6 574	713.3	1974	86 03 - GPP
64	4.50	0.150	0.45	0.84	68	877	46	10 570	1 517.3	1980	83 12 - SUSP 81 11
519	7.19	0.057	0.17	0.73	99	815	67	21 550	2 292.7	1964	76 04 - GPP
384	5.64	0.062	0.28	0.91	171	833	38	16 364	1 573.8	1979	83 10
705	3.86	0.065	0.25	0.91	30	833	38	16 257	1 555.3	1979	89 12
64	5.00	0.120	0.20	0.91	33	833	38	15 810	1 576.5	1981	85 12 - ABAND 87 03
64	6.50	0.090	0.27	0.79	94	861	49	15 650	1 584.3	1982	86 12
64	3.00	0.060	0.27	0.79	94	833	49	15 649	1 528.3	1982	85 12 - GPP
64	4.00	0.080	0.27	0.79	94	833	49	15 926	1 543.0	1982	86 12 - SUSP 84 06
192	9.70	0.080	0.19	0.87	40	842	36	16 422	1 553.3	1982	87 12
64	6.00	0.060	0.27	0.91	32	833	38	16 793	1 545.0	1982	83 03 - ABAND 89 06
448	8.58	0.063	0.36	0.91	34	828	47	4 650	1 507.4	1980	87 12
64	13.60	0.039	0.40	0.91	42	827	66	15 558	1 507.3	1981	87 12
64	5.40	0.040	0.50	0.91	33	835	38	15 404	1 508.0	1983	84 01
141	6.82	0.078	0.41	0.90	33	794	40	14 997	1 483.1	1983	89 12
64	7.50	0.056	0.40	0.90	33	832	40	15 117	1 472.8	1984	88 12 - SUSP 86 03
64	6.80	0.080	0.31	0.90	33	840	40	15 099	1 471.2	1986	89 12 - SUSP 87 03
64	3.80	0.100	0.15	0.91	32	838	37	16 022	1 545.9	1984	87 04
64	6.00	0.120	0.31	0.91	35	841	37	16 331	1 553.0	1983	88 12 - SUSP 86 10
32	8.50	0.100	0.23	0.88	44	840	39	16 026	1 542.8	1984	90 12
192	4.49	0.207	0.28	0.79	45	820	49	16 745	1 590.2	1980	88 10
64	4.20	0.130	0.39	0.82	45	820	49	16 291	1 600.7	1982	89 12
192	1.27	0.147	0.35	0.82	66	833	41	16 333	1 645.2	1981	88 10
64	2.17	0.087	0.50	0.88	44	835	44	16 388	1 584.6	1982	84 05
64	1.80	0.240	0.20	0.82	45	833	49	16 754	1 593.9	1981	88 10
128	4.98	0.186	0.27	0.82	45	825	49	16 582	1 585.3	1979	88 10
64	3.00	0.170	0.17	0.88	62	835	43	16 317	1 575.7	1981	87 05
64	3.50	0.215	0.27	0.83	62	835	43	16 333	1 568.0	1981	84 12
128	2.48	0.110	0.40	0.88	36	833	42	15 410	1 515.2	1982	88 10
192	1.74	0.120	0.31	0.88	36	846	42	16 365	1 578.0	1981	88 04
64	2.00	0.180	0.30	0.82	45	833	49	16 439	1 688.0	1982	88 10
128	1.66	0.100	0.30	0.88	36	854	42	13 115	1 606.5	1982	90 12
64	0.82	0.040	0.30	0.88	44	854	39	15 376	1 613.0	1982	85 12 - ABAND 88 03
64	1.34	0.076	0.26	0.88	36	845	42	14 804	1 630.5	1982	88 03 - SUSP 89 06
64	2.82	0.160	0.40	0.88	62	840	45	15 531	1 578.0	1982	89 12
64	1.20	0.160	0.35	0.88	36	815	42	15 693	1 589.1	1989	90 05
64	1.08	0.160	0.43	0.88	36	846	42	14 843	1 561.2	1989	90 07
64	1.92	0.150	0.38	0.89	34	845	43	16 155	1 602.0	1982	88 04
64	1.00	0.080	0.42	0.91	29	832	37	14 500	1 490.5	1988	89 03
64	2.50	0.094	0.40	0.91	76	830	35	15 844	1 506.2	1987	89 06
64	2.80	0.150	0.32	0.91	33	830	37		1 494.4	1985	90 06
64	3.00	0.120	0.36	0.93	23	835	39		1 502.5	1985	90 11
840	4.28	0.212	0.28	0.88	53	824	38	16 055	1 496.4	1985	89 10
448	9.84	0.194	0.27	0.85	50	828	36	15 885	1 491.9	1985	87 12
103	2.20	0.100	0.51	0.90	33	833	43	16 464	1 597.4	1982	88 12
64	2.00	0.210	0.45	0.90	34	845	43	16 720	1 609.0	1982	88 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
EVI 087-13W5 (CONTINUED)								
GRANITE WASH I	75.6	0.15		11.3		11.3	8.4	2.9
GRANITE WASH L	152.0	0.25		38.0		38.0	28.4	9.6
GRANITE WASH M	35.0	<0.14		4.8		4.8	4.8	
GRANITE WASH R	296.0	0.25		74.0		74.0	5.0	69.0
EWING LAKE 037-21W4								
D-2 C	543.0	0.35		190.0		190.0	156.6	33.4
D-2 D	2 039.0	0.35		714.0		714.0	495.6	218.4
D-2 E	121.0	<0.02		1.3		1.3	1.3	
D-2 F	246.0	0.10		24.6		24.6	2.8	21.8
D-3 A	516.0	0.55		284.0		284.0	277.1	6.9
D-3 B	252.0	0.20		50.4		50.4	22.9	27.5
EXCELSIOR 056-24W4								
MANNVILLE A	1 800.0	<0.01		0.7		0.7	0.7	
D-2	6 800.0	0.65		4 420.0	ERSO	4 420.0	4 334.5	85.5
FAIRYDELL-BON ACCORD 057-24W4								
UPPER VIKING B	234.0	<0.09		20.0		20.0	20.0	
MIDDLE VIKING C	36.9	<0.10		3.4		3.4	3.4	
BASAL MANNVILLE A	287.0	0.05		14.4		14.4	1.7	12.7
BASAL MANNVILLE C	2 756.0	0.05		138.0		138.0	100.6	37.4
BASAL MANNVILLE H	350.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE J	511.0	<0.01		0.8		0.8	0.8	
D-2 A	1 030.0	<0.13		124.6		124.6	124.6	
D-2 B	671.0	0.45		302.0		302.0	296.8	5.2
D-3 A	2 770.0	0.72		2 000.0		2 000.0	1 859.5	140.5
D-3 B	210.0	0.05		10.5		10.5	1.5	9.0
FARRELL 034-16W4								
LOWER MANNVILLE A	104.0	<0.01		0.1		0.1	0.1	
FARROW 020-24W4								
BOW ISLAND A	95.6	0.05		4.8		4.8	0.7	4.1
GLAUCONITIC A	64.8	0.10		6.5		6.5	1.7	4.8
OSTRACOD A	40.6	0.10		4.1		4.1	0.3	3.8
BASAL QUARTZ B	503.0	0.10		50.3		50.3	17.8	32.5
BASAL QUARTZ E	135.0	0.03		2.9		2.9	0.7	2.2
BASAL QUARTZ F	230.0	0.10		23.0		23.0	1.8	21.2
BASAL QUARTZ G	132.0	0.07		9.2		9.2	7.5	1.7
SAWTOOTH A	98.0	0.10		9.8		9.8	0.1	9.7
FENN WEST 036-20W4								
BANFF A	11.8	<0.17		1.9		1.9	1.9	
D-2 A	2 600.0	0.60		1 560.0		1 560.0	1 480.5	79.5
D-2 B	154.0	<0.03		3.1		3.1	3.1	
D-2 C	690.0	0.15		104.0		104.0	49.9	54.1
D-2 D	374.0	0.15		56.1		56.1	33.5	22.6
D-2 E	400.0	0.40		160.0		160.0	79.1	80.9
D-3 A	559.0	0.10		55.9		55.9	40.7	15.2
D-3 B	154.0	0.05		7.7		7.7	4.7	3.0
D-3 C	375.0	0.40		150.0		150.0	109.8	40.2
D-3 D	79.7	<0.01		0.1		0.1	0.1	
D-3 E	1 480.0	0.45		666.0		666.0	477.0	189.0
D-3 F	171.0	0.20		34.2		34.2	18.4	15.8
D-3 G	987.0	<0.02		13.9		13.9	13.9	
FENN-BIG VALLEY 035-20W4								
VIKING D	185.0	<0.01		0.6		0.6	0.6	
BLAIRMORE B	357.0	<0.01		2.3		2.3	2.3	
UPPER MANNVILLE A	168.0	0.10		16.8		16.8	6.0	10.8
D-2 A TOTAL	80 000.0			48 720.0	302.0	49 020.0	47 904.8	1 115.2
PRIMARY AREA	74 200.0	0.62		46 000.0		46 000.0		
SOLVENT FLOOD AREA	5 800.0	<0.47	0.05	2 714.0	302.0	3 016.0		
D-2 B	99.5	<0.02		1.1		1.1	1.1	
D-2 C	374.0	0.22		83.0		83.0	81.7	1.3
D-3 A	642.0	0.75		482.0		482.0	440.6	41.4
D-3 B	261.0	0.45		117.0		117.0	93.7	23.3
D-3 C	110.0	0.40		44.0		44.0	36.5	7.5

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
16	4.00	0.175	0.25	0.90	34	845	43	16 704	1 608.1	1982	88 12
64	3.00	0.160	0.45	0.90	34	845	43	16 940	1 608.3	1982	88 12
25	2.00	0.150	0.48	0.90	64	844	43	16 430	1 612.8	1983	85 05 - ABAND 89 08
64	5.10	0.170	0.40	0.89	49	845	38		1 623.4	1989	90 03
460	2.56	0.067	0.16	0.82	66	855	66	12 480	1 637.7	1960	89 12 - GPP
1 172	3.74	0.070	0.17	0.80	66	876	66	12 550	2 292.7	1953	89 12 - GPP
64	5.90	0.080	0.50	0.80	66	876	66	12 605	1 636.1	1981	87 12 - SUSP 86 11
64	5.20	0.100	0.10	0.82	65	873	64	11 843	1 631.6	1986	87 05
322	4.18	0.057	0.18	0.82	69	870	60	13 100	1 670.0	1953	79 12 - GPP
32	18.50	0.070	0.26	0.82	71	844	58	12 453	1 668.9	1980	84 10
797	2.13	0.204	0.35	0.80	30	876	38	6 900	1 072.3	1951	84 12 - SUSP 80 03
565	25.14	0.064	0.15	0.88	39	844	48	8 650	1 182.3	1949	87 02 - GPP
100	1.83	0.200	0.20	0.80	43	860	38	5 464	836.4	1953	89 12 - SUSP 86 11
64	0.90	0.200	0.60	0.80	43	860	38	5 500	843.0	1953	85 09 - ABAND 58 10
32	5.80	0.240	0.30	0.92	40	909	38	6 605	1 049.6	1951	84 04 - GPP
274	6.70	0.220	0.25	0.91	35	887	42	7 250	1 066.2	1965	89 11 - GPP
32	6.00	0.260	0.22	0.90	40	900	32	7 221	1 066.8	1976	85 07 - SUSP 85 09
64	7.50	0.180	0.35	0.91	40	900	32		1 055.0	1979	89 11 - GPP
306	5.18	0.083	0.15	0.92	27	870	42	7 760	1 093.6	1949	64 04 - SUSP 85 12
214	7.19	0.057	0.17	0.92	27	870	41	8 170	1 148.2	1953	68 02 - GPP
405	13.75	0.063	0.15	0.93	33	898	47	9 100	1 226.5	1953	85 05 - GPP
16	13.70	0.110	0.10	0.97	20	990	38	9 087	1 198.7	1987	88 06 - SUSP 89 07
64	2.40	0.130	0.40	0.87	42	890	70	8 726	1 220.8	1976	82 09 - ABAND 88 07
64	3.00	0.120	0.50	0.83	62	854	43	7 848	1 437.2	1987	88 01
64	1.50	0.140	0.39	0.79	98	813	42	12 856	1 777.8	1988	89 06
64	0.90	0.130	0.37	0.86	64	851	41	13 982	1 849.1	1988	88 07
320	1.76	0.168	0.36	0.83	60	867	59	13 734	1 754.7	1964	88 08
64	3.00	0.170	0.50	0.83	83	838	45	14 694	1 830.0	1988	88 08
64	4.90	0.130	0.32	0.83	83	839	45	14 355	1 744.3	1988	88 11
64	1.52	0.200	0.15	0.80	80	834	54		1 700.3	1970	89 10
64	3.40	0.120	0.55	0.83	68	867	42	14 978	1 857.1	1987	88 06 - SUSP 90 01
5	7.93	0.070	0.50	0.85	71	855	44	7 660	1 422.2	1977	79 10 - ABAND 81 02
1 202	6.35	0.056	0.24	0.80	81	860	61	12 410	1 699.9	1961	84 11
64	5.00	0.090	0.35	0.82	20	866	33	11 901	1 633.5	1980	80 09 - ABAND 82 06
128	12.19	0.070	0.22	0.81	73	846	62	12 300	1 725.2	1982	86 12
64	12.90	0.070	0.21	0.82	70	847	63	12 435	1 743.4	1982	89 01
84	12.40	0.058	0.22	0.84	73	865	62	12 483	1 730.6	1983	84 08
64	15.50	0.080	0.20	0.88	35	849	55	12 891	1 783.2	1982	86 12
64	7.26	0.048	0.15	0.81	89	858	58	12 620	1 754.6	1982	86 12
14	40.20	0.091	0.10	0.80	67	860	61	13 094	1 820.6	1982	85 03
64	5.00	0.040	0.25	0.83	67	893	60	10 052	1 804.8	1982	83 03 - SUSP 82 12
56	55.13	0.069	0.14	0.81	76	848	65	13 111	1 794.7	1983	87 01 - GPP
20	21.60	0.062	0.21	0.81	76	861	67	12 895	1 801.8	1984	89 12
64	24.00	0.103	0.23	0.81	75	860	65	12 512	1 793.7	1985	85 11 - ABAND 88 08
64	3.50	0.170	0.40	0.81	70	857	60	6 405	1 195.6	1954	82 11 - SUSP 84 09
64	5.10	0.200	0.25	0.73	90	846	47	8 906	1 292.6	1952	84 12 - SUSP 85 04
64	2.00	0.230	0.32	0.84	53	890	39	7 995	1 200.0	1984	86 05
5 994					77	865	58	12 480	1 612.1	1950	90 12 - GPP
4 971	17.06	0.120	0.10	0.81							
1 023	9.93	0.082	0.14	0.81							
64	4.63	0.060	0.30	0.80	78	855	52	12 920	1 628.7	1976	78 04 - SUSP 81 02
16	18.90	0.170	0.10	0.81	81	860	61	12 395	1 699.9	1956	90 07 - GPP
369	4.42	0.060	0.20	0.82	76	849	58	12 820	1 637.7	1950	86 12 - GPP
119	3.81	0.085	0.15	0.80	80	876	59	12 510	1 644.1	1954	65 02 - GPP
101	2.44	0.067	0.18	0.81	73	892	60	12 410	1 645.3	1952	87 05

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
FENN-BIG VALLEY 035-20W4 (CONTINUED)								
D-3 E	329.0	0.17		55.9		55.9	46.1	9.8
D-3 F	3 000.0	0.75		2 250.0		2 250.0	2 071.5	178.5
D-3 G	260.0	0.20		52.0		52.0	21.4	30.6
D-3 H	47.7	0.25		11.9		11.9	0.7	11.2
FERRIER 040-08W5								
BELLY RIVER A	4 900.0	<0.17		800.0		800.0	415.0	385.0
BELLY RIVER C	358.0	0.10		35.8		35.8	19.5	16.3
BELLY RIVER E	937.0	<0.01		0.5		0.5	0.5	
BELLY RIVER F	95.6	<0.01		0.7		0.7	0.7	
BELLY RIVER H	36.6	<0.01		0.2		0.2	0.2	
BELLY RIVER I	51.1	0.10		5.1		5.1	0.1	5.0
CARDIUM C	248.0	0.05		12.4		12.4	6.7	5.7
CARDIUM D TOTAL	18 900.0			942.0	2 200.0	3 142.0	2 075.2	1 066.8
PRIMARY AREA	1 240.0	0.05		62.0		62.0		
WATER FLOOD AREA	17 700.0	0.05	0.12	880.0	2 200.0	3 080.0		
CARDIUM E TOTAL	31 300.0			2 509.0	2 440.0	4 949.0	3 049.9	1 899.1
PRIMARY AREA	857.0	0.08		68.6		68.6		
WATER FLOOD AREA	30 400.0	0.08	0.08	2 440.0	2 440.0	4 880.0		
CARDIUM F	94.7	0.10		9.5		9.5	0.8	8.7
CARDIUM R	40.6	<0.05		1.8		1.8	1.8	
CARDIUM U	182.0	0.10		18.2		18.2	6.5	11.7
CARDIUM X	185.0	<0.01		0.4		0.4	0.4	
CARDIUM BB	140.0	<0.01		0.2		0.2	0.2	
CARDIUM GG	126.0	<0.01		0.1		0.1	0.1	
CARDIUM LL	167.0	0.05		8.4		8.4	2.2	6.2
CARDIUM G & L TOTAL	23 200.0			1 249.0	2 500.0	3 749.0	1 873.2	1 875.8
PRIMARY AREA	4 550.0	0.07		319.0		319.0		
WATER FLOOD AREA	18 600.0	0.05	0.14	930.0	2 500.0	3 430.0		
CARDIUM B, N & VIKING A	2 880.0	0.15		432.0		432.0	341.0	91.0
VIKING C	76.8	0.15		11.5		11.5	9.5	2.0
VIKING D	65.9	0.10		6.6		6.6	4.6	2.0
VIKING E	61.3	<0.05		3.0		3.0	3.0	
VIKING F	60.0	0.15		9.0		9.0	7.2	1.8
VIKING G	400.0	0.10		40.0		40.0	10.9	29.1
VIKING H	25.4	0.15		3.8		3.8	0.3	3.5
ELLERSLIE C	311.0	0.10		31.1		31.1	13.9	17.2
ROCK CREEK B	107.0	<0.01		0.2		0.2	0.2	
SHUNDA A	132.0	<0.01		0.4		0.4	0.4	
FERRYBANK 044-27W4								
BELLY RIVER I	396.0	0.05		19.8		19.8	1.4	18.4
BELLY RIVER C,G & H	18 990.0	0.10		1 899.0		1 899.0	579.0	1 320.0
GLAUCONITIC C	396.0	<0.01		0.5		0.5	0.5	
LOWER MANNVILLE G	226.0	<0.02		4.2		4.2	4.2	
LOWER MANNVILLE I	155.1	0.05		7.8		7.8	6.1	1.7
LOWER MANNVILLE M	326.0	<0.01		1.4		1.4	1.4	
BANFF C	285.0	0.05		14.3		14.3	0.5	13.8
BANFF D	183.0	<0.02		3.2		3.2	3.2	
FIR 059-21W5								
CARDIUM A	135.0	0.10		13.5		13.5	6.3	7.2
CARDIUM B	94.6	0.10		9.5		9.5	3.5	6.0
CARDIUM C	25.0	0.20		5.0		5.0	2.8	2.2
CARDIUM D	65.2	0.10		6.5		6.5	2.8	3.7
FIRE 113-07W6								
KEG RIVER A	256.0	<0.05		11.7		11.7	11.7	
KEG RIVER B	136.0	<0.01		0.3		0.3	0.3	
KEG RIVER C	227.0	0.20		45.4		45.4	20.7	24.7
KEG RIVER D	150.0	0.25		37.5		37.5	3.1	34.4
KEG RIVER E	354.0	0.35		124.0		124.0	24.5	99.5
KEG RIVER F	185.0	0.25		46.3		46.3	8.4	37.9
KEG RIVER G	120.0	0.25		30.0		30.0	3.7	26.3
KEG RIVER H	90.1	0.35		31.5		31.5	2.3	29.2
FOURTH 082-09W6								
HALFWAY A	712.0	0.05		35.6		35.6	9.4	26.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
182	3.05	0.085	0.15	0.82	73	865	58	12 760	1 620.3	1952	81 12 - GPP
626	6.64	0.100	0.12	0.82	73	898	61	12 690	1 651.7	1954	84 11 - GPP
128	3.40	0.090	0.17	0.80	73	904	41	12 560	1 584.7	1952	88 09 - GPP
16	3.10	0.120	0.12	0.91	38	960	57	11 725	1 646.5	1983	83 09 - SUSP 89 12
1 777	4.60	0.120	0.40	0.83	62	820	59	9 476	1 713.3	1966	88 07
65	7.32	0.130	0.30	0.83	66	829	54	8 430	1 627.0	1974	76 01 - GPP
64	12.00	0.210	0.30	0.83	70	898	50	9 866	1 715.5	1980	84 12 - ABAND 82 07
64	3.00	0.120	0.50	0.83	54	830	57	8 965	1 615.8	1982	83 04 - SUSP 85 08
64	1.13	0.111	0.45	0.83	61	834	55	9 300	1 703.2	1984	89 12 - SUSP 87 03
64	1.64	0.100	0.42	0.84	54	818	57		1 961.9	1988	90 02
434	0.87	0.120	0.27	0.75	166	806	71	23 170	2 200.2	1961	89 09 - GPP
6 912					169	825	77	21 510	2 093.4	1961	86 07 - GPP
512	3.21	0.130	0.12	0.66							
6 400	3.15	0.151	0.12	0.66							
6 285					198	811	54	21 750	2 135.4	1965	90 12 - GPP
448	2.45	0.148	0.12	0.60							
5 837	6.66	0.148	0.12	0.60							
65	1.52	0.140	0.12	0.78	133	834	52	21 130	2 008.6	1955	88 07 - GPP
64	1.50	0.080	0.20	0.66	209	817	74	23 240	2 318.0	1976	83 12 - SUSP 80 08
64	5.52	0.096	0.20	0.67	218	824	71	24 764	2 283.4	1976	81 02 - GPP
64	4.40	0.123	0.15	0.63	175	824	75	21 239	2 204.6	1980	83 12 - SUSP 81 11
64	2.95	0.140	0.20	0.66	150	813	70	20 153	2 303.7	1976	82 05 - SUSP 82 06
64	2.40	0.140	0.15	0.69	180	806	70	21 760	2 199.0	1980	84 10 - SUSP 84 08
64	2.74	0.170	0.15	0.66	160	811	66	21 370	2 205.0	1976	89 11
10 008					190	806	70	21 600	2 180.3	1966	90 12 - GPP
2 029	3.35	0.125	0.15	0.63							
7 979	3.30	0.132	0.15	0.63							
6 066	1.50	0.078	0.30	0.58	273	811	78	28 750	2 499.1	1955	84 12 - GPP
64	2.50	0.100	0.20	0.60	190	825	73	26 204	2 461.8	1979	83 12
64	3.00	0.075	0.25	0.61	217	823	81	26 080	2 377.9	1982	89 12
64	2.00	0.090	0.25	0.71	134	836	93	25 610	2 502.0	1979	89 12 - SUSP 89 07
125	1.00	0.090	0.25	0.71	140	815	84	28 100	2 483.7	1985	87 05 - GPP
200	4.19	0.101	0.25	0.63	243	825	77	25 038	2 374.5	1988	89 07
64	0.80	0.100	0.30	0.71	134	837	93		2 337.6	1989	89 12
64	7.15	0.130	0.13	0.60	190	797	84	23 806	2 667.5	1979	86 09
64	3.50	0.085	0.24	0.74	120	828	70	22 110	2 563.9	1982	83 04 - SUSP 83 05
65	5.18	0.083	0.25	0.63	195	815	81	22 510	2 602.7	1965	67 04 - ABAND 67 11
64	5.20	0.190	0.32	0.92	30	850	36	5 878	940.2	1988	89 06
5 239	4.46	0.190	0.53	0.91	28	850	38	5 736	976.3	1970	88 08
64	5.30	0.180	0.19	0.80	88	860	30	13 100	1 734.9	1984	85 11 - SUSP 85 10
64	4.00	0.160	0.31	0.80	82	860	60	10 430	1 705.0	1978	79 10 - SUSP 82 07
53	2.50	0.190	0.23	0.80	76	894	57	12 454	1 682.0	1981	86 07 - GPP
128	4.24	0.120	0.35	0.77	95	820	66	13 604	1 741.8	1984	85 10 - SUSP 85 08
32	11.40	0.150	0.35	0.80	45	905	55	8 421	1 725.0	1985	85 06
64	6.31	0.090	0.37	0.80	55	905	64	11 005	1 757.1	1985	89 12
64	3.70	0.100	0.25	0.76	107	850	56	20 602	1 854.7	1977	81 02
64	2.60	0.110	0.32	0.76	105	836	60	20 799	1 895.3	1980	86 01
121	0.46	0.100	0.30	0.64	185	793	86		1 875.5	1988	89 12
64	1.39	0.150	0.26	0.66	170	841	72	20 592	1 735.5	1989	90 02
22	61.70	0.035	0.30	0.77	95	844	77	15 540	1 546.9	1969	88 12 - SUSP 86 03
20	36.58	0.034	0.30	0.77	95	849	77	15 420	1 539.5	1970	71 12 - ABAND 71 10
17	53.16	0.040	0.20	0.77	95	844	77	15 090	1 533.8	1969	82 12 - GPP
20	48.34	0.031	0.35	0.77	86	875	68	15 163	1 524.3	1986	86 08
16	83.90	0.045	0.24	0.77	95	857	77	15 495	1 600.5	1987	90 12
41	43.94	0.020	0.35	0.79	74	844	74	7 872	1 534.0	1986	88 03
22	29.90	0.034	0.27	0.73	115	851	67	15 230	1 518.2	1970	87 05
16	32.50	0.030	0.25	0.77	99	843	77	14 769	1 524.8	1987	90 09
256	4.67	0.108	0.31	0.80	79	844	50	11 716	1 298.0	1979	89 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
FOX CREEK 062-18W5								
GETHING B	2 974.0	0.05		149.0		149.0	45.1	103.9
GETHING D & H	516.0	0.10		51.6		51.6	8.4	43.2
BEAVERHILL LAKE A	1 700.0			255.1	321.0	576.1	476.1	100.0
TOTAL								
PRIMARY AREA	95.2	0.15		14.3		14.3		
WATER FLOOD AREA	1 605.0	0.15	0.20	240.8	321.0	561.8		
BEAVERHILL LAKE B	42.5	0.20		8.5		8.5	0.8	7.7
GALAHAD 041-15W4								
ELLERSLIE A	112.0	<0.03		2.3		2.3	2.3	
ELLERSLIE E	188.0	0.05		9.4		9.4	3.6	5.8
ELLERSLIE F	202.0	0.10		20.2		20.2	8.7	11.5
CAMROSE A	252.0	0.15		37.8		37.8	21.1	16.7
CAMROSE B	472.0	0.15		70.8		70.8	9.4	61.4
GARDEN PLAINS 032-13W4								
UPPER MANNVILLE C	520.0	0.05		26.0		26.0	1.5	24.5
LOWER MANNVILLE C	51.9	<0.01		0.1		0.1	0.1	
GARRINGTON 034-04W5								
CARDIUM F	141.0	<0.01		0.1		0.1	0.1	
CARDIUM G	114.0	<0.01		1.0		1.0	1.0	
CARDIUM H	23.8	<0.02		0.3		0.3	0.3	
CARDIUM I	197.0	0.10		19.7		19.7	6.3	13.4
CARDIUM L	95.7	<0.02		1.7		1.7	1.7	
CARDIUM M	1 388.0	0.10		139.0		139.0	71.1	67.9
CARDIUM N	398.0	0.15		59.7		59.7	31.3	28.4
CARDIUM O	133.0	0.05		6.7		6.7	2.1	4.6
CARDIUM P	272.0	0.05		13.6		13.6	1.3	12.3
CARDIUM Q	100.0	0.20		20.0		20.0	17.6	2.4
CARDIUM R	43.2	0.10		4.3		4.3	0.1	4.2
CARDIUM T	117.0	0.05		5.9		5.9	0.5	5.4
CARDIUM U	32.6	0.10		3.3		3.3	1.2	2.1
CARDIUM A & B TOTAL	31 600.0			1 580.0	1 650.0	3 230.0	2 959.6	270.4
PRIMARY AREA	11 400.0	0.05		570.0		570.0		
WATER FLOOD AREA	20 200.0	0.05	0.08	1 010.0	1 650.0	2 660.0		
SECOND WHITE SPECKS A	87.5	<0.03		2.1		2.1	2.1	
SECOND WHITE SPECKS B	163.0	0.15		24.5		24.5	14.6	9.9
SECOND WHITE SPECKS C	425.0	<0.01		1.3		1.3	1.3	
SECOND WHITE SPECKS D	94.2	<0.01		0.1		0.1	0.1	
SECOND WHITE SPECKS E	139.0	0.10		13.9		13.9	3.4	10.5
SECOND WHITE SPECKS F	81.9	0.10		8.2		8.2	6.2	2.0
SECOND WHITE SPECKS G	316.0	0.10		31.6		31.6	9.5	22.1
SECOND WHITE SPECKS H	115.0	0.10		11.5		11.5	1.7	9.8
VIKING A	13 000.0	0.10		1 300.0		1 300.0	700.1	599.9
VIKING C	132.0	0.10		13.2		13.2	2.7	10.5
VIKING F	302.0	0.10		30.2		30.2	24.5	5.7
VIKING G	183.0	<0.02		2.1		2.1	2.1	
VIKING J	72.4	0.20		14.5		14.5	7.7	6.8
VIKING K	194.0	0.20		38.8		38.8	25.3	13.5
VIKING L	197.0	0.03		5.9		5.9	3.9	2.0
VIKING N	331.0	0.10		33.1		33.1	13.9	19.2
VIKING P	103.0	0.15		15.5		15.5	1.7	13.8
VIKING Q	860.0	0.12		103.0		103.0	65.2	37.8
VIKING S	58.1	<0.01		0.5		0.5	0.5	
VIKING Y	71.0	0.05		3.6		3.6	0.1	3.5
MANNVILLE B	9 720.0	<0.08		720.0		720.0	681.3	38.7
MANNVILLE D	3 400.0	0.07		240.0		240.0	206.9	33.1
MANNVILLE I	620.0	0.20		124.0		124.0	85.8	38.2
MANNVILLE L	15.3	0.10		1.6		1.6	0.8	0.8
MANNVILLE M	212.0	0.05		10.6		10.6	6.2	4.4
MANNVILLE N	63.9	<0.01		0.1		0.1	0.1	
MANNVILLE Q	884.0	0.01		8.8		8.8	0.4	8.4

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
745	5.11	0.150	0.38	0.84	64	882	59	14 642	1 919.1	1977	89 10
128	5.20	0.170	0.43	0.80	76	893	61	14 774	1 901.5	1959	88 07 - GPP
1 200					530	795	110	28 730	3 086.7	1975	87 02
64	3.10	0.150	0.20	0.40							
1 136	5.38	0.082	0.20	0.40							
64	4.11	0.056	0.24	0.38	508	801	110	28 893	3 089.6	1976	87 01
16	4.30	0.240	0.20	0.85	60	887	40	8 155	1 055.2	1983	89 12 - SUSP 86 12
64	2.80	0.190	0.40	0.92	18	886	29	7 332	1 097.9	1988	89 05
32	5.00	0.190	0.30	0.95	16	908	34	6 981	1 036.5	1989	90 01 - GPP
64	4.75	0.140	0.26	0.80	80	929	51	8 665	1 169.4	1983	89 05
64	10.00	0.100	0.18	0.90	36	878	53	8 655	1 198.5	1989	90 01
64	8.00	0.230	0.48	0.85	64	845	38		1 122.6	1988	89 10
64	0.80	0.180	0.36	0.88	52	863	42	8 599	1 128.9	1987	90 11 - ABAND 88 04
64	2.70	0.120	0.15	0.80	68	820	75	20 200	1 852.9	1981	82 05 - ABAND 82 03
64	3.00	0.100	0.25	0.79	90	820	60	20 300	1 846.9	1981	82 06 - ABAND 84 05
128	0.56	0.060	0.30	0.79	85	828	60	22 961	1 837.4	1982	83 03 - ABAND 84 05
128	2.83	0.080	0.15	0.80	89	823	59	23 123	1 863.5	1982	84 09
64	2.00	0.110	0.15	0.80	89	822	59	23 183	1 832.3	1983	89 12 - SUSP 87 06
1 444	1.68	0.110	0.35	0.80	48	843	67	15 616	1 880.0	1960	88 12
424	1.27	0.120	0.23	0.80	96	843	68	22 238	1 887.0	1976	90 07
64	3.10	0.100	0.15	0.79	88	819	60	20 131	1 945.8	1984	89 12
128	4.30	0.120	0.45	0.75	96	845	68	14 658	2 027.0	1985	89 12
104	1.46	0.104	0.13	0.76	108	840	64	24 038	2 185.0	1962	88 12 - GPP
64	1.20	0.100	0.25	0.75	106	825	63	22 390	1 908.4	1983	86 05 - SUSP 88 09
64	2.60	0.110	0.20	0.80	85	817	59	18 690	1 810.5	1980	88 06
64	1.00	0.075	0.15	0.80	85	817	59	18 763	1 829.7	1985	90 03
15 434					109	829	64	24 550	2 022.0	1954	84 06
5 521	3.24	0.100	0.15	0.75							
9 913	3.20	0.100	0.15	0.75							- GPP
64	3.20	0.090	0.35	0.73	115	823	64	17 307	2 314.1	1981	89 12 - ABAND 89 12
64	8.70	0.050	0.20	0.73	110	815	70	24 698	2 202.7	1984	88 12
64	13.00	0.100	0.30	0.73	110	819	67	23 031	2 105.5	1984	88 06 - ABAND 88 03
64	8.40	0.030	0.20	0.73	115	815	53	23 816	2 137.4	1985	86 03 - ABAND 88 03
64	8.50	0.050	0.20	0.64	177	823	84	23 292	2 301.8	1985	86 10
64	5.00	0.050	0.20	0.64	177	816	84	20 650	2 234.3	1984	86 12
64	6.50	0.130	0.20	0.73	120	789	73	25 434	2 264.3	1984	84 08
64	7.00	0.050	0.20	0.64	177	791	84	20 438	2 229.3	1987	88 09
3 264	7.44	0.100	0.37	0.85	57	841	64	9 336	2 095.5	1977	85 01
64	3.60	0.105	0.35	0.84	51	841	71	10 052	2 382.2	1982	83 04
65	6.71	0.120	0.30	0.83	128	820	53	8 960	2 002.6	1963	73 12 - SUSP 89 07
64	4.80	0.100	0.29	0.84	51	842	71	7 895	2 117.0	1983	89 12 - SUSP 86 11
116	1.87	0.053	0.25	0.84	51	842	71	8 937	2 081.6	1983	87 12
128	2.95	0.090	0.32	0.84	51	840	71	17 241	2 262.6	1979	88 07
64	7.35	0.087	0.35	0.74	110	832	71	8 117	2 001.2	1981	86 12
128	4.00	0.110	0.30	0.84	68	835	75	17 780	2 352.5	1984	88 06
64	3.20	0.100	0.28	0.70	142	829	74	17 855	2 427.9	1979	90 11
624	3.62	0.080	0.32	0.70	110	842	77	21 000	2 501.5	1984	90 06
64	1.50	0.120	0.40	0.84	68	835	75	17 988	2 389.0	1985	86 10 - ABAND 87 10
64	2.10	0.088	0.25	0.80	71	839	71	11 192	2 201.8	1975	89 11 - GPP
5 433	4.11	0.128	0.15	0.40	385	797	68	32 000	2 405.8	1963	88 12 - GPP
2 560	2.51	0.106	0.22	0.64	85	874	60	27 421	2 560.8	1975	87 05
161	4.58	0.160	0.18	0.64	181	864	81	29 203	2 614.0	1982	86 12
64	0.40	0.110	0.14	0.64	250	821	97	27 450	2 564.4	1984	85 10
128	3.10	0.110	0.24	0.64	181	874	81	27 025	2 516.6	1984	88 12
64	3.23	0.069	0.30	0.64	181	863	81	24 063	2 609.5	1984	89 12 - SUSP 87 02
64	22.10	0.110	0.20	0.71	126	807	79	27 157	2 467.6	1985	89 12 - SUSP 89 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
GARRINGTON 034-04W5 (CONTINUED)								
LOWER MANNVILLE A	83.0	<0.02		1.4		1.4	1.4	
LOWER MANNVILLE B	37.8	0.05		1.9		1.9	1.1	0.8
LOWER MANNVILLE D	83.6	<0.05		4.0		4.0	4.0	
LOWER MANNVILLE E	403.0	0.03		12.1		12.1	3.8	8.3
LOWER MANNVILLE I	257.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE J	130.0	0.10		13.0		13.0	5.5	7.5
LOWER MANNVILLE P	63.0	0.10		6.3		6.3	3.6	2.7
LOWER MANNVILLE S	163.0	<0.01		0.9		0.9	0.9	
LOWER MANNVILLE T	160.0	0.10		16.0		16.0	1.1	14.9
LOWER MANNVILLE U	69.6	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE Y	128.0	<0.02		2.1		2.1	2.1	
LOWER MANNVILLE Z	446.0	<0.01		3.7		3.7	3.7	
LOWER MANNVILLE KK	105.0	0.10		10.5		10.5	1.6	8.9
LOWER MANNVILLE MM	17.0	0.10		1.7		1.7	0.1	1.6
LOWER MANNVILLE NN	28.7	0.05		1.4		1.4	0.5	0.9
LOWER MANNVILLE OO	47.8	0.05		2.4		2.4	0.3	2.1
LOWER MANNVILLE PP	71.7	<0.01		0.3		0.3	0.1	0.2
LOWER MANNVILLE UU	149.0	0.05		7.5		7.5	0.3	7.2
LOWER MANNVILLE VV	149.0	0.05		7.5		7.5	0.5	7.0
LOWER MANNVILLE WW	83.3	0.05		4.2		4.2	0.6	3.6
LOWER MANNVILLE XX	42.9	0.05		2.2		2.2	0.5	1.7
LOWER MANNVILLE N & O	450.0	0.10		45.0		45.0	30.2	14.8
LOWER MANNVILLE CC, DD & EE	240.0	0.10		24.0		24.0	5.2	18.8
LOWER MANNVILLE GG, HH & II	439.0	0.10		43.9		43.9	11.3	32.6
LOWER MANNVILLE Q & CCC	590.0	0.05		29.5		29.5	10.2	19.3
LOWER MANNVILLE AAA	47.3	0.07		3.3		3.3	2.7	0.6
LOWER MANNVILLE BBB	104.0	0.05		5.2		5.2	0.7	4.5
LOWER MANNVILLE DDD	36.2	0.10		3.6		3.6	0.7	2.9
LOWER MANNVILLE EEE	59.5	0.10		6.0		6.0	0.4	5.6
LOWER MANNVILLE FFF	100.0	0.10		10.0		10.0	0.7	9.3
LOWER MANNVILLE GGG	37.0	0.10		3.7		3.7	0.3	3.4
LOWER MANNVILLE JJJ	305.0	0.10		30.5		30.5	0.9	29.6
LOWER MANNVILLE NNN	51.8	0.05		2.6		2.6		2.6
ROCK CREEK B	218.0	0.10		21.8		21.8	2.2	19.6
ROCK CREEK C	294.0	0.05		14.7		14.7	0.1	14.6
ELKTON-SHUNDA A	52.5	<0.02		0.7		0.7	0.7	
WABAMUN A	6 470.0	0.20		1 290.0		1 290.0	1 182.1	107.9
NISKU A	211.0	0.15		31.6		31.6	2.9	28.7
LEDUC D	190.0	0.35		66.5		66.5	14.4	52.1
GARTLEY 031-18W4								
OSTRACOD A	172.0	0.15		25.8		25.8	1.2	24.6
GENESEE 050-03W5								
ELLERSLIE A	26.6	<0.01		0.1		0.1	0.1	
ELLERSLIE B	86.3	0.10		8.6		8.6	7.8	0.8
GEORGE 082-05W6								
DEBOLT B	126.0	0.05		6.3		6.3	2.3	4.0
GHOST PINE 031-22W4								
UPPER MANNVILLE V	1 010.0	<0.02		16.0		16.0	16.0	
UPPER MANNVILLE W	200.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE HH	281.0	0.07		19.7		19.7	17.2	2.5
UPPER MANNVILLE LL	132.0	0.05		6.6		6.6	6.1	0.5
UPPER MANNVILLE NN	116.0	<0.01		0.6		0.6	0.6	
UPPER MANNVILLE RR	85.0	0.15		12.8		12.8	6.1	6.7
UPPER MANNVILLE WW	50.4	0.10		5.0		5.0	2.4	2.6
UPPER MANNVILLE YY	640.0	0.05		32.0		32.0	8.3	23.7
UPPER MANN Q,Y & FF	249.0	0.10		24.9		24.9	15.4	9.5
UPPER MANN C,U,ZZZ & LOWER MANN A & H	564.0	0.08		45.1		45.1	32.4	12.7
UPPER MANNVILLE EEE	203.0	0.10		20.3		20.3	14.4	5.9
UPPER MANNVILLE HHH	64.6	<0.01		0.5		0.5	0.5	
UPPER MANNVILLE LLL	1 190.0	0.10		119.0		119.0	59.0	60.0
UPPER MANNVILLE OOO	136.0	0.10		13.6		13.6	1.3	12.3
UPPER MANNVILLE E2E	129.0	0.10		12.9		12.9	1.8	11.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
65	2.74	0.110	0.15	0.50	301	829	64	23 080	2 512.5	1974	75 11 - ABAND 75 06
64	1.85	0.080	0.20	0.50	301	825	64	28 440	2 464.3	1974	76 02 - GPP
64	2.16	0.090	0.16	0.80	106	839	71	28 820	2 442.0	1977	84 07 - ABAND 83 12
64	10.00	0.120	0.30	0.75	96	845	86	25 806	2 639.0	1979	82 12 - GPP
64	6.50	0.110	0.25	0.75	110	855	63	21 495	2 553.1	1981	• 84 12 - ABAND 82 10
64	1.50	0.200	0.10	0.75	100	821	83	24 775	2 642.9	1982	87 12 - SUSP 89 06
64	1.25	0.140	0.25	0.75	120	841	64	18 824	2 440.8	1982	83 01
64	3.90	0.120	0.20	0.68	152	843	82	28 030	2 386.1	1982	83 04 - SUSP 83 11
64	3.50	0.130	0.19	0.68	152	843	82	27 038	2 596.8	1982	83 07
64	2.50	0.080	0.20	0.68	152	843	82	26 376	2 553.8	1983	84 07 - ABAND 83 11
64	3.30	0.095	0.15	0.75	152	841	82	25 911	2 716.8	1984	88 12 - SUSP 86 10
64	10.20	0.120	0.21	0.72	152	841	82	23 078	2 712.9	1984	84 12 - ABAND 88 08
64	2.80	0.100	0.25	0.78	113	871	84	15 279	2 561.5	1980	81 03
64	0.89	0.073	0.40	0.68	152	843	82	20 520	2 524.1	1975	86 07
64	0.60	0.120	0.17	0.75	191	807	88	30 920	2 361.9	1974	87 01 - GPP
64	1.00	0.120	0.17	0.75	191	807	88	27 949	2 375.7	1974	87 01 - GPP
64	1.50	0.120	0.17	0.75	191	807	88	28 045	2 388.0	1974	87 01 - ABAND 87 03
128	1.81	0.110	0.22	0.75	152	829	82	25 721	2 496.3	1974	88 06 - GPP
128	1.54	0.110	0.13	0.79	152	829	82	25 893	2 511.6	1974	88 06 - GPP
128	1.39	0.080	0.22	0.75	152	829	82	25 991	2 528.5	1974	88 06 - GPP
64	1.30	0.080	0.14	0.75	152	829	82	26 253	2 565.9	1974	87 04 - GPP
430	1.34	0.126	0.17	0.75	158	845	82	28 094	2 562.8	1981	85 07
64	4.97	0.120	0.20	0.80	152	843	82	26 195	2 582.1	1984	88 07
128	5.23	0.120	0.22	0.70	145	812	85	30 950	2 565.9	1985	87 08 - GPP
256	3.04	0.120	0.21	0.80	152	843	82	28 269	2 618.1	1982	88 08
64	1.50	0.090	0.27	0.75	92	812	79	25 524	2 461.1	1973	90 12 - GPP
64	2.40	0.110	0.18	0.75	92	812	79	25 420	2 448.8	1973	87 12 - GPP
64	1.20	0.090	0.23	0.68	152	842	36	29 382	2 511.0	1973	88 07 - GPP
64	1.80	0.100	0.24	0.68	152	842	36	26 054	2 501.2	1973	88 07 - GPP
64	2.80	0.110	0.25	0.68	152	842	36	25 801	2 470.1	1973	88 07 - GPP
64	1.50	0.080	0.30	0.68	152	843	82	29 703	2 613.3	1982	89 01
64	7.30	0.120	0.20	0.68	152	843	82	30 175	2 578.6	1975	89 06
64	1.70	0.100	0.30	0.68	152	843	82		2 586.1	1982	90 09
64	5.40	0.140	0.40	0.75	98	853	70	12 352	2 602.5	1987	87 09
64	5.00	0.140	0.18	0.80	65	819	82	21 651	2 415.5	1988	89 04
64	2.00	0.072	0.15	0.67	140	845	82	19 218	2 402.0	1979	83 12 - ABAND 84 08
2 912	10.61	0.055	0.32	0.56	271	834	84	24 730	2 742.0	1952	84 12 - GPP
64	8.62	0.060	0.15	0.75	95	810	85	24 530	2 903.1	1986	87 08
32	18.10	0.069	0.15	0.56	255	805	93	19 434	3 007.0	1985	90 12
64	4.20	0.150	0.51	0.87	51	853	42	9 537	1 309.6	1989	89 10
64	0.80	0.100	0.35	0.80	85	850	45	16 673	1 538.1	1983	88 12 - SUSP 84 07
64	2.40	0.120	0.35	0.72	135	901	55	16 495	1 563.4	1981	81 08 - SUSP 89 03
64	4.00	0.090	0.30	0.78	99	829	52	15 670	1 524.5	1976	83 12
227	3.94	0.210	0.37	0.85	67	855	58	10 420	1 481.9	1954	79 03 - SUSP 74 08
65	3.29	0.146	0.25	0.86	61	870	41	10 314	1 396.9	1965	66 05 - SUSP 66 09
64	6.40	0.140	0.40	0.81	80	876	53	10 510	1 498.4	1967	82 12 - GPP
64	2.14	0.186	0.39	0.85	55	820	66	10 000	1 372.8	1973	75 12
64	1.83	0.170	0.32	0.85	64	855	43	10 270	1 390.8	1974	79 06 - ABAND 88 06
21	3.49	0.182	0.25	0.85	58	874	58	9 277	1 488.8	1980	90 09
64	0.90	0.180	0.40	0.81	66	851	40	9 900	1 359.3	1982	84 03
192	5.65	0.110	0.33	0.80	76	862	57	10 283	1 500.5	1983	89 04 - GPP
65	3.96	0.200	0.40	0.81	80	876	53	10 410	1 507.5	1961	68 12 - GPP
257	2.79	0.180	0.48	0.84	71	865	49	10 490	1 410.9	1965	90 12 - GPP
64	3.60	0.150	0.31	0.85	58	875	58	10 312	1 502.8	1985	86 03
64	1.20	0.150	0.34	0.85	50	858	62	10 348	1 546.6	1980	88 12 - SUSP 86 09
256	3.46	0.200	0.21	0.85	56	873	50	9 357	1 497.6	1986	88 10
64	3.00	0.130	0.35	0.84	60	870	48	6 818	1 370.6	1985	87 03
64	2.50	0.130	0.27	0.85	56	873	50	9 784	1 497.5	1985	88 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
GHOST PINE 031-22W4 (CONTINUED)								
UPPER MANNVILLE FFF & KKK	360.0	0.05		18.0		18.0	5.7	12.3
LOWER MANNVILLE B	424.0	0.08		33.9		33.9	26.5	7.4
LOWER MANNVILLE E	115.0	0.15		17.3		17.3	15.3	2.0
LOWER MANNVILLE J	159.0	0.10		15.9		15.9	8.4	7.5
LOWER MANNVILLE K	110.0	0.07		7.7		7.7	6.5	1.2
LOWER MANNVILLE L	1 067.0	0.15		160.0		160.0	106.7	53.3
LOWER MANNVILLE N	88.7	0.15		13.3		13.3	8.7	4.6
LOWER MANNVILLE Q	198.0	0.10		19.8		19.8	1.4	18.4
LOWER MANNVILLE U	32.6	0.15		4.9		4.9	0.8	4.1
LOWER MANNVILLE V	73.0	0.10		7.3		7.3	0.4	6.9
LOWER MANNVILLE AA	182.0	0.10		18.2		18.2	1.4	16.8
LOWER MANNVILLE BB	151.0	0.15		22.6		22.6	7.2	15.4
PEKISKO F	110.0	0.12		13.2		13.2	11.6	1.6
PEKISKO K	305.0	<0.02		3.5		3.5	3.5	
PEKISKO N	202.0	<0.03		4.4		4.4	4.4	
PEKISKO P	77.4	0.10		7.7		7.7	2.8	4.9
GIFT 079-11W5								
SLAVE POINT A TOTAL	8 300.0			830.0	959.0	1 789.0	603.4	1 185.6
PRIMARY AREA	4 486.0	0.10		449.0		449.0		
WATER FLOOD AREA	3 814.0	0.10	0.25	381.0	959.0	1 340.0		
SLAVE POINT C	2 220.0	0.10		222.0		222.0	51.3	170.7
SLAVE POINT D	181.0	0.05		9.1		9.1	4.1	5.0
SLAVE POINT E	469.0	0.05		23.5		23.5	5.5	18.0
SLAVE POINT G	160.0	0.05		8.0		8.0	2.5	5.5
SLAVE POINT H	118.0	0.05		5.9		5.9	3.1	2.8
SLAVE POINT I	292.0	<0.01		0.1		0.1	0.1	
SLAVE POINT J	290.0	0.15		43.5		43.5	21.4	22.1
SLAVE POINT K	202.0	0.15		30.3		30.3	15.8	14.5
GILWOOD A	134.0	<0.03		3.4		3.4	3.4	
GILWOOD D	276.0	0.15		41.4		41.4	23.1	18.3
GILWOOD E	954.0	0.25		239.0		239.0	83.0	156.0
GILWOOD G	476.0	0.25		119.0		119.0	32.5	86.5
GILWOOD H	438.0	0.25		110.0		110.0	31.1	78.9
GILWOOD I	15.8	<0.02		0.3		0.3	0.3	
GILWOOD J	918.0	0.25		230.0		230.0	94.0	136.0
GILWOOD K	193.0	0.20		38.6		38.6	24.3	14.3
GRANITE WASH A	72.7	<0.01		0.2		0.2	0.2	
GRANITE WASH B	198.0	<0.02		3.6		3.6	3.6	
GRANITE WASH C	65.0	<0.02		0.9		0.9	0.8	0.1
GRANITE WASH D	95.4	0.20		19.1		19.1	4.0	15.1
GILBY 041-03W5								
BELLY RIVER A	286.0	0.07		20.0		20.0	18.4	1.6
BELLY RIVER B	685.0	0.10		68.5		68.5	41.3	27.2
BELLY RIVER C	485.0	<0.01		1.1		1.1	1.1	
BELLY RIVER E	214.0	0.05		10.7		10.7	5.0	5.7
CARDIUM A	170.0	0.12		20.4		20.4	17.2	3.2
CARDIUM D	84.5	0.10		8.5		8.5	0.5	8.0
CARDIUM E	179.0	0.10		17.9		17.9	11.2	6.7
SECOND WHITE SPECKS A	912.0	0.10		91.2		91.2	15.5	75.7
VIKING A TOTAL	6 830.0			1 331.0	1 285.0	2 616.0	2 551.6	64.4
PRIMARY AREA	710.0	0.15		107.0		107.0		
WATER FLOOD AREA	6 120.0	0.20	0.21	1 224.0	1 285.0	2 509.0		
VIKING B TOTAL	1 543.0			429.0	184.0	613.0	562.4	50.6
PRIMARY AREA	133.0	0.15		20.0		20.0		
WATER FLOOD AREA	1 410.0	0.29	0.13	409.0	184.0	593.0		
VIKING C	229.0	0.20		46.1		46.1	33.9	12.2
VIKING F	100.0	0.15		15.0		15.0	11.0	4.0
VIKING G	61.2	<0.02		0.9		0.9	0.9	
VIKING H	19.8	0.02		0.4		0.4	0.4	
VIKING J	74.5	0.01		0.2		0.2	0.2	
VIKING K	50.3	0.15		7.5		7.5	3.3	4.2
VIKING L	32.1	0.10		3.2		3.2	0.8	2.4
BASAL MANNVILLE B TOTAL	7 000.0			868.0	805.0	1 670.0	1 043.0	627.0
PRIMARY AREA	1 250.0	0.05		62.5		62.5		
WATER FLOOD AREA	5 750.0	0.14	0.14	805.0	805.0	1 610.0		
BASAL MANNVILLE F	28.0	<0.03		0.7		0.7	0.7	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	5.90	0.160	0.30	0.85	59	870	45	10 265	1 472.0	1985	90 11
64	5.86	0.190	0.30	0.85	58	892	48	10 670	1 443.5	1959	86 12 - GPP
65	1.52	0.180	0.25	0.86	51	892	49	10 747	1 487.4	1965	87 12 - GPP
128	1.72	0.130	0.34	0.84	62	876	56	10 980	1 572.9	1977	79 06 - GPP
64	1.98	0.150	0.32	0.85	62	881	49	11 030	1 570.3	1977	89 12 - GPP
128	6.10	0.200	0.20	0.85	70	861	60	10 250	1 491.4	1971	87 11
64	3.30	0.100	0.50	0.84	60	861	61	10 245	1 509.2	1981	81 08 - GPP
64	3.20	0.170	0.33	0.85	56	873	50	8 341	1 502.6	1986	88 10
64	1.00	0.120	0.50	0.85	49	860	45	8 828	1 514.5	1987	88 07
64	1.60	0.120	0.30	0.85	52	869	47	9 485	1 494.9	1986	87 11
64	3.80	0.180	0.51	0.85	39	854	51	10 041	1 476.9	1988	89 01
64	2.30	0.170	0.29	0.85	39	854	53	9 124	1 476.8	1988	89 01 - GPP
32	12.19	0.054	0.40	0.86	62	870	54	10 026	1 421.3	1965	88 12 - GPP
64	17.00	0.050	0.30	0.80	91	813	52	10 362	1 472.9	1979	85 12 - ABAND 87 05
64	10.50	0.050	0.30	0.86	58	859	40	10 320	1 417.1	1981	82 04 - ABAND 89 08
64	2.70	0.070	0.20	0.80	79	877	55	10 909	1 645.6	1981	84 02
1 762					16	830	64	16 663	1 771.8	1983	87 12
1 066	7.94	0.086	0.33	0.92							
696	10.34	0.086	0.33	0.92							
640	7.28	0.084	0.37	0.90	30	851	54	17 297	1 794.5	1980	88 08
64	5.76	0.091	0.40	0.90	15	854	65	3 944	1 825.5	1984	87 12
64	12.60	0.095	0.32	0.90	28	850	56	16 913	1 796.5	1984	87 12
64	6.70	0.080	0.50	0.93	15	835	65	15 745	1 799.0	1984	87 12
64	4.10	0.079	0.37	0.90	30	850	54	17 083	1 784.0	1985	87 12
64	11.40	0.100	0.55	0.89	34	838	50	17 881	1 865.8	1985	88 12 - SUSP 86 01
64	9.00	0.080	0.30	0.90	29	843	64	17 466	1 815.2	1981	82 04
64	7.70	0.080	0.43	0.90	30	865	54	17 481	1 826.4	1982	83 04
128	1.76	0.110	0.35	0.83	58	841	60	18 213	1 822.3	1980	85 02 - SUSP 85 08
64	3.80	0.180	0.30	0.90	26	841	65	17 560	1 803.1	1983	84 04
256	3.72	0.170	0.29	0.83	56	847	71	18 648	1 809.1	1983	85 02
64	6.40	0.200	0.30	0.83	62	847	57	18 590	1 794.3	1984	85 02
276	1.45	0.170	0.26	0.87	43	847	56	18 101	1 845.6	1989	90 11
64	0.50	0.080	0.29	0.87	43	847	54	16 447	1 830.5	1984	88 12 - SUSP 86 03
256	4.00	0.144	0.30	0.89	31	836	59	18 632	1 876.4	1984	87 12
64	3.50	0.150	0.30	0.82	64	850	63	18 674	1 908.8	1984	84 03
64	1.50	0.150	0.42	0.87	43	854	55	19 017	1 836.7	1984	84 11 - ABAND 84 11
64	3.30	0.200	0.46	0.87	42	835	56	18 383	1 876.7	1984	88 12 - SUSP 86 11
64	1.20	0.130	0.25	0.87	42	835	56	19 055	1 826.6	1984	88 12 - SUSP 86 03
64	1.70	0.180	0.44	0.87	39	845	65	17 263	1 838.2	1984	86 02
129	3.57	0.183	0.60	0.85	57	820	38	7 170	1 282.9	1963	75 12 - GPP
192	4.27	0.150	0.36	0.87	51	820	46	7 240	1 393.9	1965	89 01 - GPP
64	6.40	0.200	0.32	0.87	68	820	33	8 200	1 299.3	1979	81 12 - ABAND 85 01
64	4.96	0.136	0.43	0.87	58	836	29	9 472	1 307.5	1979	89 12
170	1.83	0.090	0.20	0.76	106	811	63	17 790	1 671.8	1962	87 12 - GPP
64	1.50	0.150	0.15	0.69	140	835	62	18 980	1 847.8	1984	85 08
128	1.72	0.130	0.23	0.81	85	838	55	17 212	1 769.9	1985	88 06
64	16.50	0.180	0.25	0.64	187	834	69	21 503	1 817.8	1989	89 10
6 566					55	834	62	9 960	1 784.9	1953	88 12 - GPP
960	1.49	0.092	0.35	0.83							
5 606	1.86	0.104	0.32	0.83							
2 451					92	839	68	17 930	1 951.0	1961	88 12 - GPP
181	2.00	0.070	0.32	0.77							
2 270	1.62	0.073	0.32	0.77							
255	1.16	0.140	0.29	0.78	92	839	66	17 440	1 911.1	1956	74 12 - GPP
128	1.35	0.110	0.30	0.75	110	849	66	10 940	1 973.9	1974	88 12 - GPP
65	1.22	0.140	0.29	0.78	92	849	62	12 510	1 908.0	1976	83 12 - SUSP 81 03
64	2.50	0.030	0.45	0.75	100	818	83	12 600	1 917.6	1980	82 07 - ABAND 87 06
64	1.80	0.110	0.30	0.84	58	834	63	11 770	1 831.1	1985	89 12 - ABAND 90 03
64	1.80	0.070	0.20	0.78	90	837	72	9 943	2 044.9	1985	90 12 - GPP
64	0.80	0.105	0.35	0.92	49	850	60	8 341	1 671.6	1985	87 08 - SUSP 88 10
996					71	892	69	15 860	2 145.0	1957	84 12 - GPP
288	6.02	0.120	0.23	0.78							
708	9.40	0.142	0.22	0.78							
41	0.91	0.150	0.30	0.72	71	892	68	15 580	2 144.0	1966	88 12 - SUSP 88 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
GILBY 041-03W5 (CONTINUED)								
BASAL MANNVILLE G	76.3	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE Q	103.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE R	1 700.0	0.05		85.0		85.0	66.2	18.8
BASAL MANNVILLE S	493.0	0.07		34.5		34.5	24.8	9.7
BASAL MANNVILLE X	376.0	<0.01		1.7		1.7	1.7	
BASAL MANNVILLE Y	93.6	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE AA	93.0	0.10		9.3		9.3	1.9	7.4
BASAL MANNVILLE BB	133.0	0.15		20.0		20.0	9.1	10.9
BASAL MANNVILLE DD	105.0	0.10		10.5		10.5	3.6	6.9
BASAL MANNVILLE EE	565.0	0.10		56.5		56.5	2.1	54.4
BASAL MANNVILLE GG	209.0	0.10		20.9		20.9	0.1	20.8
BASAL MANNVILLE HH	126.0	0.05		6.3		6.3	0.8	5.5
BASAL MANNVILLE KK	552.0	0.05		27.6		27.6		27.6
BASAL MANNVILLE H&L, JUR E & UP MANN A	1 290.0	0.05		64.5		64.5	59.3	5.2
JURASSIC B TOTAL	12 300.0			1 484.0	2 190.0	3 674.0	2 807.5	866.5
PRIMARY AREA	138.0	0.10		13.8		13.8		
WATER FLOOD AREA	12 200.0	<0.13	0.18	1 470.0	2 190.0	3 660.0		
JURASSIC F WATER FLOOD	1 760.0	0.15	0.25	264.0	442.0	706.0	433.1	272.9
JURASSIC I	610.0	0.10		61.0		61.0	39.0	22.0
JURASSIC J	443.0	0.15		66.5		66.5	43.5	23.0
JURASSIC L	1 150.0	0.10		115.0		115.0	24.0	91.0
RUNDLE B	175.0	<0.02		2.1		2.1	2.1	
RUNDLE E	140.0	<0.07		8.7		8.7	8.7	
RUNDLE F	447.0	<0.01		0.1		0.1	0.1	
RUNDLE L	300.0	<0.02		5.4		5.4	5.4	
RUNDLE M	139.0	<0.01		0.1		0.1	0.1	
RUNDLE N	67.4	<0.01		0.1		0.1	0.1	
RUNDLE O	311.0	0.05		15.6		15.6	7.7	7.9
BANFF A	188.0	<0.01		0.1		0.1	0.1	
NISKU A	121.0	<0.02		1.3		1.3	1.3	
NISKU B	401.0	0.10		40.1		40.1	2.7	37.4
NISKU C	272.0	0.25		68.0		68.0	12.9	55.1
D-3 A	169.0	<0.01		1.5		1.5	1.5	
GILWOOD 073-18W5								
GILWOOD A	442.0	0.30		133.0		133.0	105.3	27.7
GILWOOD B	144.0	0.10		14.4		14.4	13.5	0.9
GILWOOD C	217.0	0.25		54.2		54.2	8.5	45.7
GILWOOD D	110.0	0.20		22.0		22.0	1.3	20.7
GILWOOD E	254.0	0.20		50.8		50.8	13.5	37.3
GILWOOD F	212.0	0.20		42.4		42.4	8.6	33.8
GILWOOD G	73.8	0.05		3.7		3.7	1.3	2.4
GIROUX LAKE 066-21W5								
VIKING A TOTAL	843.0			155.0	121.0	276.0	221.2	54.8
PRIMARY AREA	207.0	0.20		41.4		41.4		
WATER FLOOD AREA	636.0	0.18	0.19	114.0	121.0	235.0		
VIKING D	270.0	0.10		27.0		27.0	13.1	13.9
GETHING A	140.0	<0.01		1.3		1.3	1.3	
GETHING C	113.0	<0.04		4.1		4.1	4.1	
GIROUXVILLE EAST 076-22W5								
DEBOLT B	225.0	0.10		22.5		22.5	9.4	13.1
DEBOLT C	139.0	0.15		20.9		20.9	10.5	10.4
GILWOOD A	223.0	0.25		55.8		55.8	5.3	50.5
GILWOOD B	200.0	0.30		60.0		60.0	15.0	45.0
GRANITE WASH A	198.0	0.30		59.4		59.4	24.1	35.3
GLACIER 076-11W6								
DOE CREEK A	235.0	0.05		11.8		11.8	4.7	7.1
BOUNDARY A	364.0	0.15		54.6		54.6	16.5	38.1
GLADYS 020-27W4								
UPPER MANNVILLE A	92.2	<0.02		1.1		1.1	1.1	
LOWER MANNVILLE A	2 710.0	0.03		81.3		81.3	49.2	32.1
LOWER MANNVILLE D	99.7	0.05		5.0		5.0	0.2	4.8
LOWER MANNVILLE B&C	77.6	<0.01		0.4		0.4	0.4	
DETRITAL A	138.0	<0.02		2.3		2.3	2.3	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
65	2.13	0.100	0.30	0.79	91	892	53	15 240	2 033.6	1966	68 02 - SUSP 67 06
64	1.83	0.140	0.20	0.78	99	904	52	14 749	1 887.0	1974	75 12 - ABAND 76 06
128	13.84	0.136	0.15	0.83	66	887	60	14 370	2 135.6	1976	90 04 - GPP
128	5.20	0.130	0.27	0.78	98	829	56	15 440	1 894.3	1971	81 12 - GPP
64	9.50	0.110	0.28	0.78	180	889	52	16 982	2 192.3	1979	79 08 - SUSP 84 06
64	2.10	0.130	0.33	0.80	87	890	79	18 505	2 126.4	1981	84 01 - ABAND 84 05
64	1.90	0.140	0.30	0.78	95	898	59	18 132	2 089.0	1986	86 12
64	2.35	0.135	0.16	0.78	87	890	76	18 396	2 094.1	1979	86 12 - GPP
64	2.80	0.100	0.23	0.76	100	859	67	14 182	1 990.4	1971	88 01 - GPP
64	12.10	0.120	0.22	0.78	90	892	69		2 161.8	1987	87 10
64	4.29	0.138	0.20	0.69	135	812	66	14 661	2 123.7	1987	88 07
32	6.00	0.120	0.31	0.79	91	890	68	15 635	1 914.0	1988	89 12
64	10.50	0.130	0.20	0.79	91	891	68		2 171.5	1989	90 12
192	7.70	0.140	0.22	0.80	86	892	71	16 220	2 137.0	1955	84 12 - GPP
1 893					86	887	71	16 000	2 149.1	1958	86 05
64	3.06	0.110	0.20	0.80							
1 829	6.40	0.167	0.22	0.80							- GPP
404	4.97	0.146	0.25	0.80	90	887	66	15 960	2 165.3	1961	68 05 - GPP
64	7.10	0.210	0.20	0.80	76	892	70	13 750	2 155.2	1973	88 09
65	7.69	0.150	0.25	0.80	80	887	71	12 960	2 165.0	1974	90 12 - GPP
192	4.79	0.230	0.32	0.80	83	896	70	11 618	2 153.8	1982	86 04 - GPP
101	4.79	0.062	0.28	0.81	86	898	71	15 860	2 148.2	1958	64 04 - SUSP 66 10
32	6.83	0.100	0.22	0.81	73	898	71	16 130	2 178.1	1962	63 10 - SUSP 64 07
65	19.42	0.061	0.28	0.81	73	898	79	14 200	2 163.2	1965	67 05 - ABAND 66 11
65	7.62	0.100	0.25	0.81	71	898	73	16 170	2 154.6	1974	88 12 - SUSP 86 02
64	4.80	0.068	0.20	0.81	74	881	62	15 420	2 027.5	1976	82 12 - ABAND 83 01
64	2.50	0.080	0.35	0.81	74	881	66	15 981	2 275.8	1979	88 12 - ABAND 89 10
64	8.00	0.100	0.25	0.81	116	887	54	21 112	2 257.5	1979	83 12 - GPP
64	5.00	0.120	0.30	0.70	150	753	57	15 032	2 075.0	1984	85 07
64	9.00	0.050	0.40	0.70	177	817	51	18 540	2 478.5	1979	83 12 - ABAND 84 07
64	20.00	0.053	0.18	0.72	120	830	82	18 108	2 394.5	1984	86 01 - SUSP 88 12
64	15.40	0.050	0.20	0.69	125	815	80	18 715	2 383.7	1988	88 06
64	7.50	0.070	0.25	0.67	59	806	83	11 131	2 475.5	1984	88 12 - SUSP 86 04
243	2.13	0.150	0.36	0.89	36	834	86	25 860	2 472.5	1954	86 12 - GPP
32	6.00	0.140	0.40	0.89	36	838	86	25 714	2 524.6	1984	89 12
64	4.70	0.133	0.39	0.89	36	834	86	26 199	2 567.7	1987	87 09
64	3.03	0.107	0.39	0.87	38	840	64	25 186	2 558.3	1985	85 10 - SUSP 88 11
128	2.62	0.147	0.42	0.89	36	935	86	25 335	2 426.6	1987	89 03
64	4.20	0.150	0.41	0.89	36	835	86	25 635	2 431.7	1988	89 02
64	1.80	0.144	0.50	0.89	36	835	86	25 307	2 442.1	1988	90 12
646					71	834	56	11 620	1 376.5	1964	88 12 - GPP
256	1.23	0.140	0.44	0.84							
390	2.01	0.138	0.30	0.84							
192	1.33	0.200	0.37	0.84	71	834	56	11 137	1 329.5	1985	88 06
64	2.50	0.130	0.25	0.90	29	927	59	15 555	1 691.3	1979	79 11 - SUSP 85 06
64	1.85	0.160	0.32	0.88	50	922	71	15 850	1 745.5	1978	88 12 - SUSP 85 07
64	3.80	0.160	0.35	0.89	38	826	41	9 212	1 118.9	1982	86 02 - SUSP 89 06
100	1.80	0.150	0.42	0.89	38	826	41		1 077.5	1988	90 12 - GPP
64	3.59	0.158	0.31	0.89	42	831	66	26 631	2 444.8	1987	88 07
64	4.30	0.132	0.36	0.86	40	827	78	27 009	2 452.0	1988	89 08
64	3.80	0.180	0.48	0.87	36	820	76	26 620	2 445.4	1985	86 01
64	3.80	0.200	0.45	0.88	47	840	33	4 142	672.2	1985	86 02
220	1.70	0.190	0.36	0.80	110	834	75	17 561	1 973.0	1984	90 05
64	2.00	0.120	0.25	0.80	80	852	48	17 226	2 021.5	1979	82 08 - SUSP 84 04
192	22.39	0.120	0.30	0.75	112	849	54	16 805	2 056.9	1978	83 12 - GPP
64	2.50	0.140	0.50	0.89	27	910	80	18 057	2 030.0	1989	89 10
64	2.10	0.110	0.30	0.75	112	830	54	16 468	2 054.1	1978	82 12 - SUSP 82 07
64	4.00	0.120	0.40	0.75	112	840	54	16 850	2 062.4	1978	84 12 - SUSP 84 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
GLADYS 020-27W4 (CONTINUED)								
RUNDLE C	1 700.0	0.10		170.0		170.0	90.8	79.2
RUNDLE E	419.0	<0.01		0.2		0.2	0.2	
GLEICHEN 022-21W4								
UPPER MANNVILLE A	47.2	<0.03		1.1		1.1	1.1	
UPPER MANNVILLE B	44.1	0.04		1.8		1.8	1.8	
GLEN PARK 049-27W4								
GLAUCONITIC A	194.0	<0.18		34.5		34.5	34.5	
GLAUCONITIC B	333.0	0.15		50.0		50.0	41.4	8.6
D-2 A	304.0	0.07		21.3		21.3	21.3	
D-3 A	4 660.0	0.72		3 350.0		3 350.0	3 171.5	178.5
D-3 B	140.0	<0.09		12.2		12.2	12.2	
GOLD CREEK 068-06W6								
CHARLIE LAKE B	271.0	<0.01		1.1		1.1	1.1	
CHARLIE LAKE C	84.9	0.15		12.7		12.7	7.9	4.8
CHARLIE LAKE D	182.0	0.10		18.2		18.2	3.0	15.2
DOIG A	77.0	0.15		11.6		11.6	0.9	10.7
DOIG B	276.0	<0.01		0.1		0.1	0.1	
DOIG C	312.0	<0.01		0.1		0.1	0.1	
GOLDEN 087-14W5								
SLAVE POINT A	5 600.0	0.45		2 520.0		2 520.0	2 177.3	342.7
SLAVE POINT B	352.0	0.10		35.2		35.2	7.8	27.4
SLAVE POINT C	139.0	0.10		13.9		13.9	2.0	11.9
GOLDEN SPIKE 051-27W4								
BLAIRMORE E	787.0	0.05		39.4		39.4	4.5	34.9
UPPER MANNVILLE A	47.9	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE C	228.0	0.10		22.8		22.8	7.5	15.3
UPPER MANNVILLE D	189.0	0.05		9.5		9.5	5.9	3.6
D-2 A WATER FLOOD	2 180.0	0.11	0.07	240.0	152.0	392.0	373.5	18.5
D-2 B	356.0	0.15		53.4		53.4	50.0	3.4
D-3 A TOTAL	50 180.0			26 590.0	3 650.0	30 280.0	28 251.9	2 028.1
PRIMARY AREA	575.0	0.50		288.0		288.0		
SOLVENT FLOOD AREA	0.0			0.0	1 590.0	1 590.0		
GAS FLOOD AREA	49 600.0	0.53	0.05	26 300.0	2 070.0	28 400.0		
D-3 B	683.0	0.40		273.0		273.0	242.4	30.6
D-3 C	425.0	0.45		191.0		191.0	183.1	7.9
GOODWIN 059-13W5								
BASAL QUARTZ A	189.0	0.10		18.9		18.9	10.4	8.5
GOOSE RIVER 067-18W5								
D-2 A	297.0	<0.01		0.9		0.9	0.9	
BEAVERHILL LAKE A TOTAL	21 040.0			3 408.0	5 424.0	8 832.0	6 684.8	2 147.2
PRIMARY AREA	237.0	<0.01		1.6		1.6		
SOLVENT FLOOD AREA	10 000.0	0.16	0.29	1 600.0	2 940.0	4 540.0		
WATER FLOOD AREA	10 800.0	0.16	0.23	1 806.0	2 484.0	4 290.0		
BEAVERHILL LAKE B	167.0	0.10		16.7		16.7	13.8	2.9
GORDONDALE 079-10W6								
CHARLIE LAKE A	123.0	<0.01		1.1		1.1	1.1	
CHARLIE LAKE B	138.0	0.10		13.8		13.8		13.8
HALFWAY A	149.0	0.05		7.5		7.5	2.9	4.6
HALFWAY B	1 230.0	0.10		123.0		123.0	27.2	95.8
HALFWAY F	38.2	0.15		5.7		5.7	3.9	1.8
HALFWAY I	361.0	0.15		54.2		54.2	20.0	34.2
HALFWAY K	1 733.0	0.10		173.0		173.0	76.4	96.6
HALFWAY M	437.0	0.15		65.6		65.6	10.7	54.9
HALFWAY C & DOIG A	2 638.0	0.10		264.0		264.0	35.0	229.0
GRANDE PRAIRIE 073-06W6								
CHARLIE LAKE B	122.0	0.15		18.3		18.3	11.8	6.5
CHARLIE LAKE C	74.0	0.10		7.4		7.4	3.7	3.7
CHARLIE LAKE D	185.0	<0.01		1.3		1.3	1.3	
CHARLIE LAKE E	81.2	0.20		16.2		16.2	10.1	6.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
320	13.00	0.080	0.30	0.73	102	849	56	19 163	2 070.1	1977	80 05
64	12.80	0.120	0.40	0.71	140	820	64	16 165	1 988.5	1978	82 12 - ABAND 83 09
64	1.30	0.140	0.50	0.81	82	841	43	10 869	1 462.0	1980	84 12 - ABAND 83 11
64	1.70	0.100	0.50	0.81	72	838	43	10 771	1 396.4	1979	89 12 - SUSP 87 02
77	2.74	0.149	0.26	0.83	60	881	59	13 240	1 408.5	1953	61 09 - ABAND 71 05
82	3.64	0.170	0.20	0.82	44	881	60	7 170	1 428.9	1965	84 12 - GPP
239	4.63	0.047	0.20	0.73	113	820	67	13 240	1 691.3	1952	64 04 - SUSP 69 12
173	39.32	0.097	0.07	0.76	106	834	74	15 200	1 921.8	1951	73 05 - GPP
64	4.00	0.090	0.20	0.76	99	836	74	13 391	1 912.0	1983	89 05 - ABAND 89 08
64	2.80	0.210	0.10	0.80	100	815	75	19 302	2 103.4	1983	85 09 - SUSP 85 09
64	3.00	0.080	0.30	0.79	100	795	75	19 510	2 185.5	1984	90 12
64	3.89	0.125	0.27	0.80	100	827	74	20 425	2 143.0	1985	86 09
64	1.80	0.110	0.24	0.80	78	820	74	20 988	2 155.9	1985	86 03
64	10.30	0.083	0.37	0.80	68	856	75	18 846	2 190.7	1985	89 12 - SUSP 86 06
64	7.80	0.120	0.35	0.80	68	824	74	19 328	2 136.1	1984	85 08 - SUSP 85 11
1 344	7.50	0.086	0.29	0.91	32	829	38	16 660	1 599.3	1971	88 01 - GPP
64	8.50	0.090	0.21	0.91	30	829	38	15 646	1 581.3	1983	88 01
64	6.76	0.060	0.42	0.92	30	829	38		1 584.7	1989	90 11
64	12.40	0.130	0.07	0.82	70	845	51		1 327.7	1989	90 08 - SUSP 90 07
16	3.60	0.160	0.35	0.80	60	905	50	11 265	1 269.5	1976	84 03 - SUSP 84 09
64	6.50	0.120	0.45	0.83	58	881	45	11 841	1 300.8	1983	89 05
64	3.70	0.148	0.35	0.83	82	882	57	11 912	1 326.7	1985	89 05
609	9.85	0.057	0.15	0.75	87	839	61	12 270	1 542.9	1952	82 12 - GPP
173	3.93	0.078	0.14	0.78	87	839	61	12 410	1 556.9	1951	73 12 - GPP
590					70	839	60	14 450	1 775.9	1949	88 11 - GPP
24	38.71	0.087	0.11	0.80							
											- SOLVENT FLOOD TERMINATED 76 02
590	135.64	0.087	0.11	0.80							
231	6.10	0.068	0.12	0.81	73	839	77	14 340	1 810.2	1950	86 12
158	5.82	0.068	0.15	0.80	73	839	67	14 480	1 827.0	1951	85 12 - GPP
64	5.26	0.120	0.40	0.78	90	860	61	13 800	1 650.0	1973	85 11
65	9.14	0.080	0.15	0.74	113	825	114	28 460	2 372.6	1965	71 05 - ABAND 69 08
3 568					99	820	110	29 300	2 810.3	1963	87 03 - GPP
65	7.35	0.082	0.19	0.75							
1 152	17.66	0.082	0.19	0.74							
2 351	9.35	0.082	0.19	0.74							
130	3.66	0.060	0.24	0.77	99	820	104	36 200	2 857.2	1965	67 02 - SUSP 89 08
64	5.10	0.090	0.44	0.75	123	824	58	14 906	1 720.6	1988	88 10 - ABAND 90 07
64	1.82	0.175	0.10	0.75	123	845	69	13 750	1 543.6	1988	90 10
65	4.88	0.090	0.27	0.72	129	815	67	16 880	1 747.1	1976	83 01
437	5.19	0.103	0.35	0.81	76	830	66	17 046	1 830.6	1979	88 09
64	2.15	0.065	0.39	0.70	130	814	60	10 896	1 638.3	1985	88 12
128	4.09	0.150	0.37	0.73	175	806	60	15 709	1 739.2	1986	89 08
1 690	2.02	0.094	0.25	0.72	112	814	70		1 598.6	1984	90 06
128	3.26	0.175	0.17	0.72	141	805	70	15 214	1 644.7	1988	89 12
1 190	3.91	0.100	0.30	0.81	76	832	66	16 685	1 875.9	1980	88 07
99	1.70	0.120	0.10	0.67	144	835	58	19 119	1 921.5	1984	88 12
64	2.10	0.106	0.20	0.65	168	827	64	8 346	1 925.5	1979	80 01
64	3.90	0.120	0.12	0.70	140	823	68	8 166	1 947.7	1985	89 12 - SUSP 87 07
80	1.30	0.120	0.07	0.70	122	840	72	19 686	1 957.7	1983	90 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
GRANDE PRAIRIE 073-06W6 (CONTINUED)								
HALFWAY A TOTAL	5 384.0			630.0	195.0	826.0	309.5	516.5
PRIMARY AREA	1 704.0	0.05		90.3		90.3		
GAS FLOOD AREA	3 680.0	0.14	0.05	540.0	195.0	735.0		
HALFWAY F	11.4	0.10		1.1		1.1	0.3	0.8
HALFWAY H	130.0	<0.02		2.1		2.1	2.1	
HALFWAY I	128.0	0.10		12.8		12.8	0.5	12.3
HALFWAY J	66.3	0.10		6.6		6.6	0.4	6.2
HALFWAY K	144.0	0.10		14.4		14.4	4.6	9.8
HALFWAY L	37.5	0.15		5.6		5.6	0.4	5.2
HALFWAY M	201.0	0.10		20.1		20.1	0.4	19.7
HALFWAY N	169.0	0.10		16.9		16.9	0.7	16.2
GREENCOURT EAST 059-06W5								
VIKING B	28.1	0.15		4.2		4.2	0.2	4.0
GROAT 057-15W5								
CARDIUM A	188.0	0.10		18.8		18.8	0.1	18.7
GROUARD 075-15W5								
GILWOOD A	93.5	0.25		23.4		23.4	8.5	14.9
GUNN 056-03W5								
LOWER MANNVILLE A	158.0	<0.01		1.4		1.4	1.4	
HACKETT 036-18W4								
UPPER MANNVILLE A	1 150.0	0.09		103.0	ERSO	103.0	82.4	20.6
UPPER MANNVILLE D	238.0	<0.01		0.1		0.1	0.1	
HALKIRK 038-16W4								
UPPER MANNVILLE B	82.7	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE D WATER FLOOD	2 000.0	0.17	0.31	340.0	620.0	960.0	141.8	818.2
UPPER MANNVILLE E	202.0	0.10		20.2		20.2	4.7	15.5
UPPER MANNVILLE G	140.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE I TOTAL	5 742.0			950.0	1 333.0	2 283.0	889.7	1 393.3
PRIMARY AREA	59.0	0.17		10.0		10.0		
WATER FLOOD AREA	5 683.0	<0.17	0.23	940.0	1 333.0	2 273.0		
UPPER MANNVILLE J	960.0	0.10		96.0		96.0	22.4	73.6
UPPER MANNVILLE K	323.0	0.10		32.3		32.3	15.9	16.4
LOWER MANNVILLE F	1 160.0	0.10		116.0		116.0	61.4	54.6
LOWER MANNVILLE G	32.0	0.10		3.2		3.2	2.1	1.1
LOWER MANNVILLE J	300.0	0.20		60.0		60.0	37.3	22.7
LOWER MANNVILLE L	108.0	0.10		10.8		10.8	5.6	5.2
LOWER MANNVILLE M	115.0	0.10		11.5		11.5	2.8	8.7
LOWER MANNVILLE N	32.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE O	43.4	0.10		4.3		4.3	0.7	3.6
LOWER MANNVILLE P	137.0	0.15		20.6		20.6	2.7	17.9
CAMROSE A	203.0	<0.02		3.2		3.2	3.2	
CAMROSE B	152.0	<0.08		11.1		11.1	11.1	
CAMROSE C	100.0	0.25		25.0		25.0	8.5	16.5
CAMROSE D	85.2	<0.01		0.4		0.4	0.4	
HALKIRK EAST 040-13W4								
VIKING A	273.0	0.10		27.3		27.3	10.7	16.6
VIKING B	231.0	0.10		23.1		23.1	12.0	11.1
VIKING C	52.9	<0.01		0.2		0.2	0.2	
VIKING D	877.0	0.02		17.5		17.5	7.1	10.4
VIKING E	91.2	0.10		9.1		9.1	4.3	4.8
VIKING F	86.4	<0.01		0.1		0.1	0.1	
VIKING G	49.1	<0.01		0.3		0.3	0.3	
GLAUCONITIC A	743.0	<0.01		1.8		1.8	1.8	
GLAUCONITIC B	206.0	0.02		4.1		4.1	0.3	3.8
GLAUCONITIC C	232.0	<0.01		1.9		1.9	1.9	
GLAUCONITIC D	332.0	0.10		33.2		33.2	3.0	30.2
ELLERSLIE A	1 250.0	0.30		375.0		375.0	142.2	232.8
ELLERSLIE B	550.0	0.40		220.0		220.0	162.2	57.8
ELLERSLIE C	279.0	0.10		27.9		27.9	0.8	27.1
ELLERSLIE D	124.0	0.10		12.4		12.4	0.6	11.8
ELLERSLIE E	1 025.0	0.40		410.0		410.0	159.7	250.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
1 465					129	798	73	16 788	1 905.6	1982	90 08
590	4.90	0.100	0.17	0.71							
875	7.00	0.102	0.17	0.71							
64	1.00	0.050	0.50	0.71	129	797	73	15 099	1 901.9	1983	84 01
64	3.81	0.107	0.30	0.71	129	825	73	15 866	1 921.4	1984	89 12 - SUSP 86 02
64	2.70	0.120	0.13	0.71	129	797	73	16 905	1 922.8	1985	88 07 - SUSP 88 07
64	2.00	0.090	0.19	0.71	129	807	73	17 461	1 962.0	1985	85 10
64	4.51	0.110	0.36	0.71	129	797	73	16 356	1 898.8	1984	85 08
64	2.00	0.055	0.18	0.65	160	826	65	17 676	1 988.3	1985	86 01
64	5.74	0.100	0.23	0.71	129	798	73	15 656	1 876.9	1988	88 12
64	3.67	0.119	0.15	0.71	129	798	73	16 075	1 861.3	1988	89 05
64	1.30	0.110	0.59	0.75	115	898	37	7 073	1 013.2	1989	90 03 - SUSP 90 02
64	6.00	0.100	0.30	0.70	140	760	45	10 184	1 687.0	1984	85 03
64	1.36	0.170	0.29	0.89	36	835	86	23 054	2 138.3	1988	88 12
64	3.10	0.190	0.40	0.70	112	827	60	10 344	1 348.2	1978	84 01 - ABAND 86 10
425	3.89	0.180	0.54	0.84	44	871	39	8 170	1 177.2	1974	86 02 - GPP
64	3.00	0.220	0.33	0.84	54	871	40	8 680	1 236.9	1984	85 07 - ABAND 86 12
64	1.23	0.200	0.30	0.75	51	874	35	9 705	1 183.5	1977	82 12 - ABAND 84 11
159	7.77	0.250	0.21	0.82	64	856	45	8 852	1 194.4	1984	90 09
64	3.80	0.167	0.38	0.80	55	873	38	8 098	1 187.7	1984	85 10 - GPP
64	2.90	0.190	0.47	0.75	110	870	30	8 172	1 185.5	1984	85 10 - ABAND 86 10
691					66	868	37	9 359	1 241.6	1984	89 12
32	1.40	0.220	0.27	0.82							
659	6.58	0.222	0.28	0.82							
205	3.80	0.220	0.30	0.80	64	868	48	9 318	1 205.6	1985	87 08
64	4.50	0.200	0.30	0.80	61	867	35	9 371	1 231.5	1986	86 08
448	3.39	0.180	0.47	0.80	98	843	37	8 910	1 201.5	1974	84 05 - GPP
64	0.92	0.160	0.60	0.85	64	852	48	8 704	1 180.1	1977	88 07
191	1.29	0.220	0.31	0.80	74	867	37	8 856	1 247.1	1984	88 12
64	2.20	0.160	0.40	0.80	66	868	36	8 963	1 228.8	1986	87 01
64	2.00	0.160	0.30	0.80	74	867	37	9 092	1 225.1	1986	87 02
32	1.40	0.140	0.40	0.85	64	867	48	9 028	1 251.5	1987	87 07 - SUSP 87 06
16	2.80	0.170	0.33	0.85	64	852	48	8 942	1 256.1	1987	88 08 - SUSP 88 11
64	2.00	0.180	0.30	0.85	64	854	48	8 752	1 263.5	1986	86 12
64	7.00	0.070	0.19	0.80	36	868	53	9 737	1 395.5	1984	89 12 - SUSP 87 06
32	9.10	0.075	0.13	0.80	36	878	53	10 153	1 431.1	1984	89 12 - ABAND 89 10
22	10.36	0.061	0.20	0.90	84	882	53	9 883	1 376.9	1983	85 10 - SUSP 89 03
64	3.40	0.067	0.35	0.90	36	845	42	9 572	1 369.0	1985	89 12 - SUSP 86 11
192	1.55	0.170	0.42	0.93	26	850	33	5 909	829.6	1982	82 11 - GPP
192	1.42	0.160	0.43	0.93	27	850	33	6 532	836.8	1982	86 11 - GPP
64	0.90	0.170	0.40	0.90	37	854	33	5 757	828.5	1982	82 11 - SUSP 83 12
192	3.70	0.214	0.38	0.93	26	851	34	5 978	829.0	1973	85 12 - GPP
64	2.00	0.150	0.50	0.95	24	858	33	5 497	834.5	1982	83 05 - GPP
64	2.00	0.150	0.50	0.90	37	858	33	5 880	834.2	1982	83 05 - ABAND 89 08
64	1.00	0.150	0.45	0.93	22	838	38	5 606	829.8	1984	89 12 - ABAND 89 10
128	5.76	0.160	0.30	0.90	37	880	35	7 450	1 030.9	1983	89 12 - SUSP 86 12
128	2.00	0.190	0.47	0.80	52	855	39	7 200	973.3	1984	87 02 - SUSP 88 05
64	3.00	0.200	0.33	0.90	38	875	37	7 479	969.8	1986	87 05 - ABAND 90 04
64	3.90	0.190	0.24	0.92	35	875	34	7 268	987.0	1988	88 12
132	5.81	0.236	0.23	0.90	42	896	32	6 958	1 002.7	1972	89 12 - GPP
68	4.88	0.242	0.24	0.90	43	870	35	6 820	997.2	1983	89 12 - GPP
64	2.50	0.260	0.21	0.85	66	885	31	7 215	1 046.4	1984	84 12
64	1.60	0.200	0.33	0.90	36	829	39	6 711	1 003.3	1987	87 05 - SUSP 87 11
129	5.87	0.211	0.29	0.90	36	865	39	6 612	996.3	1986	89 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
HALKIRK EAST 040-13W4 (CONTINUED)								
ELLERSLIE F	947.0	0.40		379.0		379.0	201.9	177.1
ELLERSLIE G	125.0	0.25		31.0		31.0	17.0	14.0
ELLERSLIE H	52.0	0.25		13.0		13.0	8.8	4.2
ELLERSLIE I	410.0	0.40		164.0		164.0	109.5	54.5
ELLERSLIE J	100.0	0.30		30.0		30.0	19.7	10.3
ELLERSLIE K	3.3	0.02		0.1		0.1	0.1	
ELLERSLIE L	100.0	0.40		40.0		40.0	10.2	29.8
ELLERSLIE M	126.0	0.10		12.6		12.6	1.8	10.8
HAMELIN CREEK 080-06W6								
TRIASSIC A	728.0	0.25		182.0		182.0	65.8	116.2
TRIASSIC B	173.0	0.10		17.3		17.3	3.3	14.0
HANNA 031-14W4								
UPPER MANNVILLE B	105.0	0.10		10.5		10.5	3.4	7.1
LOWER MANNVILLE A	297.0	<0.01		0.3		0.3	0.3	
HARMATTAN EAST 032-03W5								
CARDIUM A	159.0	<0.01		0.2		0.2	0.2	
CARDIUM B	152.0	<0.01		0.2		0.2	0.2	
CARDIUM C	25.2	0.10		2.5		2.5	1.5	1.0
CARDIUM D	258.0	0.03		7.7		7.7	3.7	4.0
CARDIUM E	74.9	0.05		3.7		3.7	1.1	2.6
VIKING C	243.0	0.10		24.3		24.3	8.6	15.7
VIKING E TOTAL	6 530.0			759.0	1 230.0	1 989.0	1 005.1	983.9
PRIMARY AREA	1 181.0	0.10		118.0		118.0		
WATER FLOOD AREA	5 349.0	0.12	0.23	641.0	1 230.0	1 871.0		
VIKING J	77.5	<0.01		0.3		0.3	0.3	
VIKING K	106.0	0.10		10.6		10.6	1.0	9.6
BLAIRMORE	288.0	<0.09		24.8		24.8	24.8	
NORDEGG A	136.0	<0.01		1.2		1.2	1.2	
RUNDLE TOTAL	32 890.0			9 847.0	2 865.0	12 710.0	10 963.2	1 746.8
PRIMARY AREA	186.0	0.20		37.2		37.2		
SOLVENT FLOOD AREA	9 000.0	0.30	0.13	2 700.0	1 206.0	3 906.0		
WATER FLOOD AREA	23 700.0	0.30	0.07	7 110.0	1 659.0	8 769.0		
RUNDLE D	308.0	0.10		30.8		30.8	9.6	21.2
HARMATTAN-ELKTON 031-04W5								
BELLY RIVER A	137.0	<0.01		0.1		0.1	0.1	
CARDIUM A	50.0	0.12		6.0		6.0	4.7	1.3
CARDIUM B	117.0	0.10		11.7		11.7	0.3	11.4
RUNDLE B	113.0	<0.08		8.9		8.9	8.9	
RUNDLE C	29 900.0	0.40		11 940.0		11 940.0	10 318.2	1 621.8
HARO 106-08W6								
KEG RIVER A	370.0	<0.01		2.0		2.0	2.0	
HAYNES 038-24W4								
D-2 A & D-3 A	1 866.0	0.20		373.0		373.0	359.3	13.7
HERCULES 051-23W4								
WABAMUN A	225.0	0.10		22.5		22.5	7.8	14.7
WABAMUN B	269.0	0.05		13.5		13.5	0.6	12.9
HERRONTON 019-25W4								
TURNER VALLEY A	466.0	0.05		23.3		23.3	1.8	21.5
HIGH PRAIRIE 073-16W5								
GILWOOD A	480.0	0.25		120.0		120.0	38.6	81.4
GILWOOD B	603.0	0.30		181.0		181.0	55.7	125.3
GILWOOD C	130.0	0.15		19.5		19.5	11.4	8.1
GILWOOD D	198.0	0.20		39.6		39.6	2.0	37.6
GILWOOD E	192.0	0.25		48.0		48.0	7.3	40.7
GILWOOD F	783.0	0.25		196.0		196.0	42.9	153.1
GILWOOD G	338.0	0.25		84.5		84.5	19.6	64.9
GILWOOD H	141.0	0.20		28.2		28.2	5.9	22.3
GILWOOD I	234.0	0.20		46.8		46.8	15.1	31.7
GILWOOD J	178.0	0.15		26.7		26.7	9.7	17.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
76	7.36	0.236	0.22	0.92	48	897	37	6 459	987.2	1987	89 08 - GPP
35	2.70	0.210	0.26	0.85	62	885	35	6 568	985.8	1987	90 12
8	4.30	0.210	0.20	0.90	42	896	32	6 873	1 003.5	1983	89 12 - GPP
27	7.74	0.256	0.15	0.90	42	896	32	6 905	995.0	1985	89 12 - GPP
8	8.65	0.226	0.25	0.90	42	896	32	7 500	988.7	1984	89 12 - GPP
4	0.50	0.260	0.28	0.90	42	986	32	7 420	959.4	1985	88 09 - GPP
16	4.94	0.206	0.33	0.92	16	909	34	6 268	982.6	1988	89 08 - GPP
32	3.50	0.190	0.35	0.91	37	899	35	7 246	1 025.4	1989	90 10
192	3.02	0.190	0.25	0.88	50	835	50	11 322	1 186.0	1980	84 02
64	2.44	0.195	0.34	0.86	58	834	50	10 847	1 152.8	1988	88 12
64	2.00	0.180	0.50	0.91	37	853	31	8 008	1 136.5	1981	82 06 - GPP
65	3.05	0.250	0.30	0.86	52	865	31	9 310	1 174.4	1970	72 07 - ABAND 72 05
64	3.90	0.100	0.15	0.75	35	806	64	15 292	1 938.2	1979	83 12 - ABAND 84 05
64	4.80	0.141	0.56	0.80	83	815	59	16 170	2 023.5	1979	83 12 - SUSP 81 11
64	0.90	0.080	0.30	0.78	80	851	61	16 990	2 051.9	1983	83 07
64	4.00	0.150	0.15	0.79	79	785	61	16 550	1 999.0	1981	86 12
64	2.50	0.075	0.20	0.78	80	850	61	15 580	1 978.9	1982	86 05
64	8.30	0.077	0.30	0.85	60	844	67	17 131	2 350.6	1981	82 06
4 873					58	840	56	10 225	2 189.2	1979	88 03
1 037	1.89	0.104	0.30	0.83							
3 836	2.69	0.096	0.35	0.83							
64	3.88	0.080	0.50	0.78	100	840	51	10 256	2 200.6	1982	83 05 - SUSP 84 03
64	4.99	0.078	0.39	0.70	160	790	67	10 950	2 369.8	1982	83 11
65	5.49	0.150	0.17	0.65	177	834	77	28 960	2 451.2	1961	61 09 - SUSP 73 07
64	7.70	0.075	0.45	0.67	170	820	90	24 850	2 461.6	1980	88 12 - SUSP 86 04
4 711					171	834	85	23 650	2 672.5	1954	90 04 - GPP
64	6.69	0.080	0.19	0.67							
896	12.90	0.137	0.15	0.67							
3 751	8.10	0.137	0.15	0.67							
64	14.10	0.060	0.15	0.67	171	834	85	22 867	2 409.9	1984	84 02
64	3.19	0.123	0.40	0.91	32	839	46	6 077	1 670.3	1985	85 11 - ABAND 86 01
64	2.17	0.060	0.25	0.80	80	816	62	20 700	2 392.8	1980	88 12
64	2.50	0.100	0.15	0.86	52	833	79	27 908	2 403.3	1986	87 01
65	2.77	0.126	0.23	0.65	158	825	93	23 650	2 714.9	1962	74 02 - ABAND 72 02
4 491	9.56	0.128	0.20	0.68	172	844	94	25 100	2 782.2	1954	89 12 - GPP
64	16.90	0.060	0.08	0.62	193	807	84	17 628	2 000.3	1982	83 05 - ABAND 86 03
1 156	7.09	0.044	0.25	0.69	148	825	61	16 310	1 805.4	1968	86 11
64	7.90	0.080	0.36	0.87	52	870	47	8 913	1 256.7	1980	81 08
64	11.10	0.110	0.59	0.84	60	839	54	9 647	1 270.3	1989	89 06
64	8.30	0.150	0.24	0.77	91	842	52	16 335	1 790.1	1989	90 03
128	4.58	0.130	0.30	0.90	33	849	81	24 396	2 321.6	1986	88 05
181	4.35	0.145	0.40	0.88	43	840	81	24 503	2 303.6	1987	90 02
32	4.99	0.156	0.40	0.87	36	835	86	24 664	2 316.3	1987	90 12
64	3.28	0.168	0.37	0.89	36	868	86	23 944	2 241.2	1987	88 06
64	3.30	0.170	0.40	0.89	36	835	86	24 480	2 327.8	1987	88 01
192	4.62	0.146	0.32	0.89	36	835	86	24 435	2 311.2	1987	88 12
128	3.93	0.130	0.42	0.89	36	835	85	23 765	2 242.4	1987	88 05
64	2.54	0.157	0.38	0.89	36	835	75	22 483	2 259.1	1987	88 06
64	3.79	0.155	0.30	0.89	36	935	86	23 682	2 272.6	1987	88 08
64	3.94	0.139	0.43	0.89	36	935	80	24 584	2 356.9	1987	89 03

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
HIGH PRAIRIE 073-16W5 (CONTINUED)								
GILWOOD K	115.0	0.25		28.7		28.7	1.1	27.6
GILWOOD L	76.7	0.25		19.2		19.2	8.6	10.6
GILWOOD M	28.4	0.05		1.4		1.4	0.8	0.6
GILWOOD N	68.3	0.05		3.4		3.4	0.2	3.2
GILWOOD O	122.0	0.10		12.2		12.2	1.2	11.0
HIGHVALE 051-04W5								
CARDIUM C	2 456.0	0.13		319.0		319.0	223.7	95.3
CARDIUM D	605.0	0.10		60.5		60.5	16.2	44.3
CARDIUM G	236.0	0.10		23.6		23.6	1.8	21.8
LOWER MANNVILLE A TOTAL	5 420.0			432.0	440.0	872.0	339.7	532.3
PRIMARY AREA	2 970.0	0.08		237.0		237.0		
WATER FLOOD AREA	2 450.0	0.08	0.18	195.0	440.0	635.0		
LOWER MANNVILLE B	172.0	0.10		17.2		17.2	12.0	5.2
LOWER MANNVILLE D	102.0	0.10		10.2		10.2	5.6	4.6
LOWER MANNVILLE I	131.0	<0.03		3.4		3.4	3.4	
LOWER MANNVILLE J	102.0	<0.04		3.3		3.3	3.3	
LOWER MANNVILLE P	244.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE R	590.0	0.10		59.0		59.0	29.4	29.6
LOWER MANNVILLE S	135.0	0.10		13.5		13.5	2.8	10.7
LOWER MANNVILLE T	201.0	0.05		10.1		10.1	2.1	8.0
LOWER MANNVILLE U	605.0	0.10		60.5		60.5	17.1	43.4
LOWER MANNVILLE V	74.1	0.10		7.4		7.4	3.5	3.9
NORDEGG E	73.7	0.10		7.4		7.4	0.3	7.1
NORDEGG D & BANFF H	7 110.0	0.10		711.0		711.0	143.5	567.5
NORDEGG F & BANFF R	733.0	0.02		14.7		14.7	4.9	9.8
BANFF A	3 544.0	0.08		284.0		284.0	158.3	125.7
BANFF B	287.0	0.05		14.4		14.4	7.9	6.5
BANFF E	350.0	<0.01		2.7		2.7	2.7	
BANFF F	375.0	<0.01		1.0		1.0	1.0	
BANFF K	80.9	<0.01		0.1		0.1	0.1	
BANFF M	536.0	0.04		21.4		21.4	9.4	12.0
BANFF P	371.0	0.12		44.5		44.5	31.5	13.0
BANFF S	208.0	<0.01		1.7		1.7	1.7	
BANFF T	190.0	0.05		9.5		9.5	2.2	7.3
HILLSDOWN 037-25W4								
D-2 A	263.0	0.05		13.2		13.2	8.4	4.8
D-2 B	308.0	0.15		46.2		46.2	42.8	3.4
D-2 C	198.0	0.05		9.9		9.9	6.6	3.3
D-3 A	112.0	<0.02		1.3		1.3	1.3	
HOMEGLEN-RIMBEY 043-01W5								
ELLERSLIE A	156.0	<0.01		0.1		0.1	0.1	
PEKISKO A	334.0	0.10		33.4		33.4	6.4	27.0
D-3	14 900.0	0.09		1 341.0		1 341.0	1 232.5	108.5
D-3 B	700.0	0.20		140.0		140.0	73.4	66.6
D-3 C	161.0	0.05		8.1		8.1	5.0	3.1
HOOKER 015-29W4								
JURASSIC A	95.3	0.10		9.5		9.5	8.0	1.5
JURASSIC B	146.0	0.10		14.6		14.6	5.6	9.0
HUSSAR 025-20W4								
GLAUCONITIC A	6 980.0	0.50		3 490.0		3 490.0	3 219.3	270.7
GLAUCONITIC B	1 300.0	0.03		39.0		39.0	29.8	9.2
GLAUCONITIC C	37.3	<0.06		2.1		2.1	2.1	
GLAUCONITIC E	842.0	0.07		58.9		58.9	49.9	9.0
GLAUCONITIC F	74.8	<0.06		4.4		4.4	4.4	
GLAUCONITIC G	926.0	0.06		55.6		55.6	53.5	2.1
GLAUCONITIC H	108.0	<0.08		8.1		8.1	8.1	
GLAUCONITIC J	263.0	0.10		26.3		26.3	15.3	11.0
GLAUCONITIC K	119.0	<0.04		4.6		4.6	4.6	
GLAUCONITIC U	155.0	0.15		23.3		23.3	20.6	2.7
GLAUCONITIC X	227.0	0.10		22.7		22.7	13.7	9.0
GLAUCONITIC BB	636.0	0.10		63.6		63.6	50.7	12.9
GLAUCONITIC DD	219.0	0.04		8.8		8.8	6.7	2.1
GLAUCONITIC SS	173.0	<0.01		0.3		0.3	0.3	
GLAUCONITIC VV	216.0	0.10		21.6		21.6	9.2	12.4

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
64	2.00	0.160	0.37	0.89	36	835	86	23 687	2 259.8	1988	89 03
64	2.20	0.120	0.49	0.89	36	835	86	23 665	2 319.3	1988	89 03
64	0.83	0.120	0.50	0.89	36	835	86	24 544	2 302.4	1988	89 10
64	2.00	0.120	0.50	0.89	36	835	86	24 480	2 320.0	1988	89 11
32	4.79	0.170	0.47	0.88	43	840	97	24 028	2 303.0	1989	90 12
1 755	1.24	0.140	0.19	0.93	22	871	39	15 391	1 141.7	1980	90 12
600	1.16	0.110	0.15	0.93	22	871	39	15 392	1 132.6	1981	90 05
64	3.30	0.150	0.20	0.93	28	874	38	12 899	1 090.9	1984	84 10 - SUSP 88 03
3 106					84	870	53	17 305	1 591.0	1976	85 04
1 730	2.12	0.150	0.34	0.82							
1 376	2.19	0.150	0.34	0.82							
64	3.60	0.140	0.35	0.82	90	855	54	16 962	1 583.0	1979	87 12 - SUSP 88 10
64	1.85	0.150	0.30	0.82	86	870	56	16 168	1 586.5	1978	81 10
64	1.80	0.180	0.23	0.82	84	865	43	14 959	1 516.9	1980	89 12 - SUSP 87 02
64	2.50	0.120	0.35	0.82	68	862	50	16 484	1 625.8	1982	89 12 - SUSP 87 02
64	5.95	0.130	0.40	0.82	82	882	56	14 416	1 597.0	1983	84 10 - ABAND 85 05
192	3.02	0.170	0.27	0.82	82	882	56	15 770	1 572.0	1985	88 02
64	2.40	0.165	0.35	0.82	82	870	56	16 730	1 567.2	1983	85 12 - SUSP 89 06
64	3.00	0.150	0.15	0.82	82	882	56	14 087	1 492.2	1985	87 12
100	5.29	0.170	0.18	0.82	82	850	56	15 514	1 508.0	1985	90 12
64	0.80	0.210	0.16	0.82	82	882	56	14 579	1 512.4	1983	83 12
64	3.20	0.080	0.40	0.75	108	880	55	17 088	1 568.4	1979	88 03 - SUSP 88 08
1 114	6.96	0.200	0.42	0.79	102	869	54	17 506	1 623.4	1981	87 04
192	4.63	0.167	0.39	0.81	112	889	57	16 700	1 576.6	1981	90 02
464	7.50	0.180	0.31	0.82	117	870	60	16 990	1 592.0	1978	90 09
64	4.05	0.220	0.33	0.75	117	870	60	16 840	1 580.1	1977	80 01
64	5.00	0.190	0.30	0.82	89	870	60	17 297	1 613.8	1978	81 09 - ABAND 81 05
64	8.00	0.122	0.25	0.80	88	870	57	18 550	1 627.5	1981	85 12 - ABAND 85 12
64	2.00	0.150	0.48	0.81	88	866	56	15 107	1 494.9	1983	83 10 - ABAND 83 09
64	7.42	0.215	0.36	0.82	117	870	60	16 010	1 577.9	1977	85 05
64	4.59	0.220	0.30	0.82	117	870	60	16 208	1 557.5	1980	85 05
64	3.72	0.152	0.30	0.82	10	865	27	17 290	1 633.0	1979	89 12 - SUSP 87 02
32	6.38	0.190	0.41	0.83	85	951	56	17 475	1 662.0	1987	88 11
128	6.52	0.060	0.28	0.73	141	826	64	15 396	1 972.6	1978	84 12 - GPP
192	6.19	0.050	0.30	0.74	158	828	77	18 330	2 016.0	1961	81 12 - GPP
64	10.90	0.058	0.30	0.70	130	815	69	18 379	2 061.4	1985	89 12 - GPP
64	4.00	0.080	0.17	0.66	181	808	21	15 159	2 090.9	1985	86 05 - ABAND 87 02
64	2.70	0.150	0.25	0.80	60	898	53	11 721	1 752.0	1980	83 12 - SUSP 81 11
64	11.20	0.075	0.27	0.85	60	825	65	15 423	1 885.3	1985	85 12
4 563	7.56	0.077	0.15	0.66	165	811	83	19 550	2 415.5	1953	89 12 - GPP
105	12.20	0.100	0.30	0.78	159	810	83	10 985	2 390.4	1983	90 12
32	12.60	0.090	0.33	0.66	160	820	83	18 481	2 389.5	1985	90 12 - SUSP 89 03
64	2.01	0.105	0.15	0.83	120	880	72	27 714	2 790.8	1980	84 09
64	3.85	0.110	0.35	0.83	63	880	66	36 897	2 947.5	1980	81 06
675	7.07	0.210	0.14	0.81	82	844	46	10 400	1 454.2	1957	90 12 - GPP
192	5.38	0.210	0.25	0.81	81	860	46	10 070	1 424.6	1956	79 12 - GPP
16	1.83	0.200	0.21	0.80	82	860	45	10 140	1 425.9	1958	64 04 - SUSP 63 01
90	6.10	0.225	0.16	0.81	78	849	41	10 000	1 367.0	1959	79 12 - GPP
32	1.83	0.200	0.21	0.80	83	860	40	10 380	1 341.7	1959	64 04 - ABAND 68 07
209	2.96	0.221	0.23	0.88	80	860	41	9 890	1 369.2	1960	83 12 - GPP
21	3.70	0.210	0.18	0.80	80	860	44	10 000	1 407.3	1962	79 01 - ABAND 78 11
192	1.86	0.140	0.36	0.82	80	838	44	10 418	1 428.6	1977	82 05 - GPP
65	1.43	0.200	0.20	0.80	80	860	43	9 960	1 423.4	1959	83 12 - SUSP 76 12
163	0.91	0.150	0.14	0.81	80	860	36	10 070	1 399.9	1964	87 12 - GPP
65	2.74	0.210	0.25	0.81	62	839	46	10 030	1 433.5	1960	77 04 - GPP
177	3.05	0.210	0.30	0.80	82	844	44	10 330	1 416.4	1963	69 08
64	3.07	0.170	0.18	0.80	80	860	43	9 790	1 396.3	1968	89 12 - GPP
64	3.00	0.150	0.25	0.80	66	857	40	10 240	1 408.0	1979	81 12 - SUSP 83 12
64	4.40	0.160	0.40	0.80	88	860	49	10 741	1 461.8	1978	80 02 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
HUSSAR 025-20W4 (CONTINUED)								
GLAUCONITIC YY	221.0	<0.02		2.8		2.8	2.8	
GLAUCONITIC FFF	32.6	<0.07		2.0		2.0	2.0	
GLAUCONITIC NNN	632.0	0.05		31.6		31.6	11.7	19.9
GLAUCONITIC RRR	364.0	0.01		3.6		3.6	0.8	2.8
GLAUCONITIC SSS	1 170.0	0.10		117.0		117.0	92.6	24.4
GLAUCONITIC TTT	55.3	0.10		5.5		5.5	3.5	2.0
GLAUCONITIC VVV	71.9	<0.01		0.1		0.1	0.1	
GLAUCONITIC B2B	71.8	<0.03		1.5		1.5	1.5	
GLAUCONITIC H2H	104.0	0.10		10.4		10.4	2.1	8.3
OSTRACOD C	79.5	0.02		1.6		1.6	1.6	
OSTRACOD H	49.3	0.01		0.5		0.5	0.5	
OSTRACOD P	125.0	<0.10		11.7		11.7	11.7	
OSTRACOD X	158.0	0.05		7.9		7.9	4.7	3.2
OSTRACOD BB	54.6	<0.01		0.3		0.3	0.3	
OSTRACOD CC	111.0	0.15		16.7		16.7	7.1	9.6
OSTRACOD FF	88.7	0.10		8.9		8.9	4.4	4.5
OSTRACOD GG	55.7	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE A	105.0	<0.04		3.6		3.6	3.6	
BASAL MANNVILLE C	222.0	0.10		22.2		22.2	16.6	5.6
BASAL MANNVILLE E	215.0	<0.02		2.8		2.8	2.8	
BASAL MANNVILLE G	226.0	<0.01		0.4		0.4	0.4	
BASAL MANNVILLE H	284.0	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE L	35.4	<0.08		2.7		2.7	2.7	
BASAL MANNVILLE M	300.0	0.10		30.0		30.0	27.7	2.3
BASAL MANNVILLE N	318.0	0.08		25.4		25.4	22.1	3.3
BASAL MANNVILLE O WATER FLOOD	1 910.0	0.10	0.05	191.0	95.5	287.0	206.1	80.9
BASAL MANNVILLE P	248.0	<0.05		12.3		12.3	12.3	
BASAL MANNVILLE Q	953.0	0.06		57.2		57.2	53.9	3.3
BASAL MANNVILLE Y	175.0	0.10		17.5		17.5	14.5	3.0
BASAL MANNVILLE KK	74.7	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE OO	1 093.0	0.08		87.4		87.4	47.3	40.1
BASAL MANNVILLE QQ	113.0	0.05		5.7		5.7	0.5	5.2
BASAL MANNVILLE SS	651.0	<0.01		1.9		1.9	1.9	
BASAL MANNVILLE UU	71.7	0.05		3.6		3.6	0.5	3.1
BASAL MANNVILLE I&Z	276.0	0.14		38.6		38.6	32.9	5.7
BASAL MANNVILLE AAA	1 228.0	0.02		24.6		24.6	8.2	16.4
BASAL QUARTZ B	221.0	0.10		22.1		22.1	3.0	19.1
PEKISKO B	143.0	<0.01		0.1		0.1	0.1	
HUTCH 112-22W5								
SLAVE POINT A	81.0	<0.02		0.9		0.9	0.9	
SLAVE POINT B	152.0	<0.01		1.4		1.4	1.4	
SLAVE POINT C	65.8	<0.01		0.2		0.2	0.2	
SLAVE POINT D	80.2	<0.01		0.1		0.1		0.1
SLAVE POINT E	42.0	<0.01		0.1		0.1		0.1
HUXLEY 034-24W4								
LOWER MANNVILLE B	292.0	0.05		14.6		14.6	6.1	8.5
LOWER MANNVILLE C	155.0	0.03		4.7		4.7	1.5	3.2
HYTHE 073-09W6								
HALFWAY A	409.0	0.10		40.9		40.9	9.2	31.7
HALFWAY B	119.0	0.10		11.9		11.9	6.0	5.9
HALFWAY C	330.0	0.10		33.0		33.0	9.4	23.6
HALFWAY D	121.0	0.10		12.1		12.1	1.9	10.2
HALFWAY E	266.0	0.10		26.6		26.6	1.7	24.9
HALFWAY F	419.0	0.10		41.9		41.9	10.2	31.7
INNISFAIL 034-01W5								
BELLY RIVER A	844.0	0.05		42.2		42.2	9.5	32.7
BELLY RIVER B	267.0	<0.01		0.2		0.2	0.2	
BELLY RIVER C	295.0	0.05		14.8		14.8	3.8	11.0
BLAIRMORE	88.5	<0.06		4.9		4.9	4.9	
D-3	19 700.0	0.65		12 800.0		12 800.0	12 383.6	416.4
IRON SPRINGS 011-20W4								
BOW ISLAND A	50.4	0.10		5.0		5.0	4.3	0.7
JAYAR 062-03W6								
DUNVEGAN A	3 450.0	0.10		345.0		345.0	142.0	203.0

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
128	2.75	0.140	0.44	0.80	72	849	43	10 513	1 407.3	1979	88 12 - SUSP 87 02
64	0.70	0.140	0.35	0.80	86	847	43	10 441	1 403.7	1980	89 12 - SUSP 87 01
117	7.59	0.140	0.38	0.82	56	856	45	9 795	1 392.0	1979	89 12
64	5.50	0.210	0.40	0.82	56	857	45	11 572	1 485.3	1982	85 12
708	1.53	0.202	0.33	0.80	86	860	44	9 980	1 428.0	1960	83 06
64	1.00	0.180	0.40	0.80	86	860	44	9 915	1 447.3	1979	83 06
64	1.40	0.150	0.34	0.81	79	847	46	11 506	1 380.2	1980	84 01 - SUSP 84 06
64	1.50	0.170	0.45	0.80	82	844	43	10 292	1 386.1	1984	84 12 - ABAND 88 07
64	2.00	0.190	0.48	0.82	56	857	45	9 963	1 426.0	1980	86 10
64	0.76	0.230	0.10	0.79	82	860	54	10 270	1 441.7	1958	68 03 - ABAND 61 09
16	2.44	0.200	0.21	0.79	82	860	46	10 270	1 397.2	1959	68 03 - ABAND 63 04
64	1.23	0.230	0.15	0.81	62	860	49	10 170	1 398.7	1965	81 12 - ABAND 88 05
64	2.16	0.250	0.42	0.79	64	865	37	10 100	1 291.7	1977	88 12
64	1.50	0.160	0.55	0.79	80	857	54	9 808	1 469.0	1980	83 01 - ABAND 82 10
64	2.00	0.180	0.40	0.80	56	857	41	9 358	1 399.9	1980	87 12 - SUSP 88 12
64	1.30	0.180	0.26	0.80	84	841	40	9 955	1 430.4	1984	85 05
64	1.00	0.200	0.50	0.87	50	854	38	9 784	1 279.5	1984	85 07 - ABAND 85 12
33	2.13	0.220	0.14	0.80	82	849	46	10 340	1 429.8	1957	68 03 - ABAND 63 07
64	2.74	0.200	0.21	0.80	82	849	47	10 340	1 467.3	1952	71 03 - GPP
32	6.40	0.168	0.23	0.80	82	849	44	10 140	1 418.5	1959	64 04 - SUSP 63 01
33	5.79	0.200	0.25	0.80	82	849	43	10 340	1 399.9	1960	64 04 - SUSP 62 03
32	7.32	0.200	0.25	0.80	82	849	43	10 000	1 417.3	1960	68 03 - ABAND 61 12
16	1.83	0.200	0.25	0.80	82	849	46	10 310	1 499.3	1958	77 07 - SUSP 83 12
146	2.16	0.170	0.30	0.80	82	849	44	10 170	1 417.9	1964	82 12 - GPP
133	2.13	0.200	0.30	0.80	82	849	42	10 200	1 421.3	1964	83 12 - GPP
357	6.13	0.176	0.38	0.80	81	849	44	10 100	1 414.6	1964	84 12 - GPP
65	4.57	0.150	0.30	0.80	82	849	44	10 140	1 426.2	1964	83 12 - ABAND 88 05
317	2.32	0.200	0.19	0.80	82	849	46	10 650	1 457.9	1959	82 12 - GPP
65	2.32	0.200	0.26	0.79	82	849	42	9 860	1 426.8	1959	86 12 - GPP
65	1.83	0.120	0.35	0.81	84	849	44	10 200	1 409.7	1969	70 08 - SUSP 70 01
144	11.40	0.160	0.48	0.80	61	877	37	10 180	1 440.9	1977	89 12 - GPP
64	2.00	0.170	0.35	0.80	82	840	43	11 256	1 520.0	1979	80 11 - GPP
64	11.50	0.170	0.35	0.80	63	865	39	8 727	1 499.7	1980	85 12 - SUSP 84 09
64	2.00	0.140	0.50	0.80	84	857	42	10 676	1 481.9	1980	90 07 - GPP
50	4.78	0.190	0.24	0.80	84	849	38	10 340	1 441.7	1955	90 12 - GPP
128	12.46	0.150	0.41	0.87	52	861	49	9 995	1 417.3	1985	88 08
64	4.80	0.180	0.50	0.80	70	870	30	9 714	1 335.8	1981	83 02
64	5.00	0.080	0.32	0.82	75	854	47	10 169	1 441.5	1980	81 10 - ABAND 83 02
16	12.50	0.060	0.25	0.90	28	865	56	9 851	1 128.2	1985	90 12 - SUSP 87 03
16	18.57	0.072	0.21	0.90	42	883	40	9 659	1 126.8	1986	90 12 - SUSP 87 03
16	7.77	0.098	0.40	0.90	34	883	51	9 747	1 106.5	1987	90 12 - SUSP 87 03
16	10.80	0.067	0.23	0.90	36	867	39	9 901	1 136.3	1987	90 12 - ABAND 89 01
16	4.15	0.090	0.22	0.90	34	875	50	6 382	1 135.5	1987	90 12 - SUSP 87 02
64	4.10	0.160	0.20	0.87	47	875	62	9 785	1 593.7	1988	90 12
64	3.10	0.120	0.25	0.87	47	875	62	9 993	1 578.3	1988	90 12
128	7.14	0.090	0.28	0.69	149	829	64	22 263	2 260.5	1981	83 03 - GPP
64	5.50	0.063	0.20	0.67	155	825	62	21 888	2 203.0	1978	82 12 - GPP
128	5.36	0.093	0.25	0.69	250	827	75	22 360	2 178.8	1981	85 05
64	5.45	0.080	0.36	0.68	188	830	62	22 112	2 231.0	1979	86 02 - GPP
64	10.84	0.073	0.24	0.69	149	826	64	22 042	2 221.9	1985	87 05
64	11.62	0.109	0.25	0.69	149	823	64	22 125	2 254.3	1986	87 08
128	9.08	0.150	0.45	0.88	36	816	36	5 393	1 208.5	1982	86 12
64	6.15	0.140	0.45	0.88	36	815	43	4 937	1 195.4	1983	88 12 - ABAND 85 06
32	11.90	0.160	0.45	0.88	36	876	43	8 438	1 292.8	1983	89 12
16	4.88	0.200	0.15	0.66	154	834	78	16 800	2 053.7	1956	64 04 - SUSP 60 06
3 034	23.47	0.060	0.13	0.53	300	806	92	24 510	2 615.8	1957	86 12 - GPP
64	0.93	0.150	0.40	0.94	25	876	21	5 558	868.3	1977	85 08 - SUSP 88 11
758	9.10	0.110	0.30	0.65	185	752	66	23 965	2 330.1	1979	81 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
JAYAR 062-03W6 (CONTINUED)								
DUNVEGAN B	233.0	0.10		23.3		23.3	17.1	6.2
DUNVEGAN C	229.0	0.10		22.9		22.9	13.6	9.3
DUNVEGAN D	191.0	0.10		19.1		19.1	2.2	16.9
DUNVEGAN E	215.0	0.10		21.5		21.5	1.9	19.6
JOAN 091-10W5								
GRANITE WASH A	139.0	0.20		27.8		27.8	4.5	23.3
GRANITE WASH B	183.0	<0.02		2.0		2.0	2.0	
JOARCAM 048-21W4								
VIKING TOTAL	42 500.0			15 990.0	3 042.0	19 030.0	16 971.1	2 058.9
PRIMARY AREA	15 310.0	<0.40		6 084.0		6 084.0		
WATER FLOOD AREA	27 190.0	<0.37	0.11	9 904.0	3 042.0	12 950.0		
VIKING C	115.0	0.05		5.8		5.8	4.8	1.0
VIKING K	11.2	0.01		0.1		0.1	0.1	
WABAMUN A	146.0	<0.01		0.2		0.2	0.2	
JOFFRE 038-26W4								
VIKING TOTAL	14 800.0			2 490.0	3 670.0	6 160.0	5 847.6	312.4
PRIMARY AREA	325.0	0.15		48.0		48.0		
WATER FLOOD AREA	14 500.0	<0.17	0.26	2 440.0	3 670.0	6 110.0		
VIKING B	380.0	0.30		114.0		114.0	107.1	6.9
VIKING C	130.0	0.05		6.5		6.5	3.0	3.5
VIKING D	340.0	0.15		51.0		51.0	34.0	17.0
VIKING E	123.0	0.15		18.5		18.5	8.0	10.5
BLAIRMORE A	192.0	<0.04		5.8		5.8	5.8	
BLAIRMORE B	304.0	<0.11		32.8		32.8	32.8	
BLAIRMORE F	76.3	<0.04		2.5		2.5	2.5	
BLAIRMORE L	37.9	0.10		3.8		3.8	3.4	0.4
BLAIRMORE M	35.0	0.10		3.5		3.5	0.4	3.1
BLAIRMORE O	80.2	0.10		8.0		8.0	1.6	6.4
D-2 TOTAL	28 380.0			8 534.0	1 600.0	10 130.0	7 307.2	2 822.8
PRIMARY AREA	1 780.0	0.30		534.0		534.0		
WATER FLOOD AREA	26 600.0	0.30	0.06	8 000.0	1 600.0	9 600.0		
D-3 A	30.3	<0.05		1.3		1.3	1.3	
D-3 B SOLVENT FLOOD	2 100.0	0.40	0.38	840.0	798.0	1 638.0	358.0	1 280.0
D-3 C	223.0	0.40		89.2		89.2	0.3	88.9
D-3 D	530.0	<0.01		0.9		0.9	0.9	
JOHNSON 017-14W4								
DETRITAL A	13.9	<0.02		0.2		0.2	0.2	
JOSEPHINE 083-09W6								
KISKATINAW B	149.0	<0.01		1.1		1.1	1.1	
JUDY CREEK 063-11W5								
VIKING A	6 000.0	0.15		900.0		900.0	781.0	119.0
VIKING D	307.0	<0.01		0.1		0.1	0.1	
PEKISKO A	115.0	<0.01		0.1		0.1	0.1	
BEAVERHILL LAKE A TOTAL	126 100.0			20 180.0	35 930.0	56 110.0	48 140.3	7 969.7
PRIMARY AREA	100.0	0.16		16.0		16.0		
SOLVENT FLOOD AREA	49 200.0	0.16	0.34	7 870.0	16 730.0	24 600.0		
WATER FLOOD AREA	76 800.0	0.16	0.25	12 290.0	19 200.0	31 500.0		
BEAVERHILL LAKE B TOTAL	43 000.0			8 600.0	10 940.0	19 540.0	16 080.8	3 459.2
SOLVENT FLOOD AREA	9 500.0	0.20	0.34	1 900.0	3 230.0	5 130.0		
WATER FLOOD AREA	33 500.0	0.20	0.23	6 700.0	7 710.0	14 410.0		
BEAVERHILL LAKE C	275.0	0.20		55.0		55.0	31.7	23.3
BEAVERHILL LAKE D	60.8	0.15		9.1		9.1	0.6	8.5
JUDY CREEK SOUTH 062-11W5								
BEAVERHILL LAKE TOTAL	1 783.0			356.0	259.0	615.0	481.5	133.5
PRIMARY AREA	487.0	0.20		97.4		97.4		
WATER FLOOD AREA	1 296.0	0.20	0.20	259.0	259.0	518.0		
BEAVERHILL LAKE C	1 500.0	0.10		150.0		150.0	96.4	53.6
BEAVERHILL LAKE D	283.0	<0.01		0.6		0.6	0.6	
BEAVERHILL LAKE E	275.0	0.10		27.5		27.5	2.2	25.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	7.84	0.102	0.30	0.65	185	752	76	23 910	2 394.0	1981	81 12 - GPP
64	8.73	0.097	0.35	0.65	155	832	74	21 739	2 488.3	1982	82 12
64	7.22	0.091	0.30	0.65	185	825	66	23 962	2 537.6	1981	81 06 - GPP
64	7.83	0.100	0.37	0.68	165	824	66	21 666	2 520.6	1988	88 12 - GPP
64	3.30	0.153	0.50	0.86	48	828	38	15 273	1 481.3	1982	82 06
64	3.10	0.165	0.35	0.86	55	830	35	15 643	1 477.7	1982	83 05 - ABAND 89 03
9 035					34	834	36	6 000	990.0	1949	89 09
3 818	3.14	0.197	0.28	0.90							
5 217	4.17	0.193	0.28	0.90							
128	0.95	0.170	0.38	0.90	45	859	32	5 561	1 000.6	1949	84 11
16	1.30	0.100	0.40	0.90	43	852	34	5 786	994.7	1987	88 08 - ABAND 88 09
64	6.50	0.075	0.45	0.85	64	836	40	7 403	1 188.8	1980	84 12 - SUSP 83 10
8 219					67	820	51	7 720	1 517.6	1953	79 08 - GPP
539	1.08	0.111	0.38	0.81							
7 680	3.39	0.111	0.38	0.81							
785	0.83	0.120	0.40	0.81	66	817	56	7 696	1 538.5	1955	85 12
128	1.55	0.120	0.34	0.83	70	817	30	8 296	1 603.4	1959	85 08 - SUSP 89 09
500	1.06	0.120	0.34	0.81	66	817	56	7 842	1 602.3	1981	88 12
128	3.00	0.070	0.43	0.80	99	820	44	9 132	1 559.5	1985	86 08
32	7.96	0.130	0.28	0.80	71	860	71	14 130	1 754.1	1957	64 04 - ABAND 70 06
162	2.44	0.130	0.25	0.79	76	860	67	14 550	1 733.1	1958	88 12 - ABAND 85 09
65	2.44	0.100	0.40	0.80	84	870	67	14 850	1 723.9	1975	75 12 - ABAND 87 08
64	1.46	0.080	0.35	0.78	91	878	69	14 465	1 733.8	1985	86 08
64	0.90	0.120	0.35	0.78	91	879	69	14 671	1 801.6	1987	88 10 - GPP
64	1.50	0.120	0.14	0.81		891	70		1 831.8	1988	89 10
11 083					130	815	77	17 510	2 134.2	1956	88 12 - GPP
740	6.78	0.060	0.19	0.73							
10 343	10.40	0.044	0.23	0.73							
64	0.90	0.080	0.10	0.73	110	824	79	15 441	2 212.5	1964	86 01 - ABAND 86 06
62	54.20	0.100	0.12	0.71	111	832	72	16 449	2 159.5	1985	89 09
64	9.00	0.060	0.14	0.75	111	832	74	16 098	2 120.8	1986	86 12
64	14.40	0.090	0.10	0.71	135	829	78	18 460	2 286.7	1987	88 10 - ABAND 89 08
16	1.00	0.220	0.52	0.82	70	888	54	10 652	1 033.0	1983	83 10 - ABAND 83 10
64	4.90	0.097	0.30	0.70	150	904	51	15 130	1 749.7	1975	82 12 - ABAND 87 10
4 206	1.46	0.170	0.34	0.87	48	839	54	9 061	1 409.3	1960	83 05 - GPP
65	4.57	0.170	0.30	0.87	51	849	48	8 360	1 486.2	1977	83 12 - SUSP 78 01
32	7.50	0.070	0.22	0.88	47	921	61	12 874	1 523.3	1988	89 03 - ABAND 88 12
13 064					122	820	96	24 200	2 650.9	1959	90 12
64	5.25	0.050	0.16	0.71							
4 200	21.82	0.090	0.16	0.71							- GPP
8 800	16.26	0.090	0.16	0.71							- GPP
4 565					184	815	97	24 820	2 695.0	1959	90 12 - GPP
600	34.00	0.092	0.17	0.61							
3 965	18.14	0.092	0.17	0.61							
128	6.96	0.060	0.17	0.62	184	815	97	24 073	2 789.4	1962	87 03
64	2.66	0.068	0.26	0.71	131	820	96		2 543.8	1988	89 05
726					229	815	85	24 820	2 723.6	1960	90 12
256	6.45	0.060	0.18	0.60							
470	8.12	0.069	0.18	0.60							
1 230	3.08	0.068	0.18	0.71	112	815	84	23 170	2 726.1	1960	85 12
128	8.50	0.050	0.35	0.80	176	828	92	24 086	2 699.5	1984	88 12 - ABAND 90 07
64	12.80	0.080	0.40	0.70	131	820	96	24 804	2 662.5	1985	86 06

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
JUMPBUSH 020-19W4								
UPPER MANNVILLE A	2 820.0	0.10		282.0		282.0	134.8	147.2
UPPER MANNVILLE E	384.0	0.15		57.6		57.6	38.0	19.6
UPPER MANNVILLE F	265.0	0.10		26.5		26.5	14.0	12.5
UPPER MANNVILLE G	102.0	<0.01		0.8		0.8	0.8	
UPPER MANNVILLE I	455.0	0.15		68.3		68.3	13.2	55.1
UPPER MANNVILLE J	539.0	0.15		80.9		80.9	8.0	72.9
UPPER MANNVILLE K	58.8	0.10		5.9		5.9	1.4	4.5
UPPER MANNVILLE L	315.0	0.15		47.3		47.3	1.7	45.6
UPPER MANNVILLE N	575.0	0.10		57.5		57.5		57.5
KAKUT 075-03W6								
CHARLIE LAKE A	360.0	0.15		54.0		54.0	28.2	25.8
CHARLIE LAKE B WATER FLOOD	1 100.0	0.20	0.10	220.0	110.0	330.0	118.7	211.3
KAKWA 063-05W6								
MAIN CARDIUM A	1 593.0	0.10		159.0		159.0	57.0	102.0
MAIN CARDIUM C	34.6	<0.01		0.1		0.1	0.1	
A CARDIUM A TOTAL	6 725.0			1 010.0	788.0	1 798.0	1 051.3	746.7
PRIMARY AREA	2 575.0	0.15		387.0		387.0		
GAS FLOOD AREA	4 150.0	0.15	0.19	622.0	789.0	1 411.0		
C CARDIUM A	383.0	0.13		49.8		49.8	34.9	14.9
C CARDIUM B	324.0	0.12		38.9		38.9	18.0	20.9
C CARDIUM C	241.0	0.05		12.0		12.0	0.2	11.8
DUNVEGAN A	204.0	<0.01		0.8		0.8	0.8	
DUNVEGAN B	99.9	<0.02		1.7		1.7	1.7	
DUNVEGAN C	186.0	0.10		18.6		18.6	9.0	9.6
KARR 066-02W6								
DUNVEGAN A	137.0	<0.01		0.1		0.1	0.1	
DUNVEGAN C	218.0	0.10		21.8		21.8	1.2	20.6
NIKANASIN A	112.0	0.15		16.8		16.8		16.8
KAYBOB 064-19W5								
GETHING C	186.0	<0.01		0.1		0.1	0.1	
GETHING D	205.0	<0.01		0.7		0.7	0.7	
GETHING I	33.3	<0.01		0.2		0.2	0.2	
GETHING K	5 760.0	<0.02		80.0		80.0	76.7	3.3
GETHING O	1 083.0	0.03		32.5		32.5	14.0	18.5
TRIASSIC A	53.3	0.15		8.0		8.0	0.9	7.1
NISKU C	1 100.0	<0.01		7.5		7.5	7.5	
BEAVERHILL LAKE A TOTAL	44 350.0			7 093.0	12 760.0	19 850.0	16 824.5	3 025.5
PRIMARY AREA	351.0	0.15		52.7		52.7		
SOLVENT FLOOD AREA	34 000.0	0.16	0.30	5 440.0	10 360.0	15 800.0		
WATER FLOOD AREA	10 000.0	0.16	0.24	1 600.0	2 400.0	4 000.0		
BEAVERHILL LAKE B	1 270.0	0.16		203.0		203.0	128.8	74.2
KAYBOB SOUTH 060-19W5								
DUNVEGAN A	174.0	<0.02		2.4		2.4	2.4	
DUNVEGAN B	808.0	0.03		24.2		24.2	16.3	7.9
BLUESKY A	63.9	<0.01		0.6		0.6	0.6	
GETHING C	98.7	0.05		4.9		4.9	0.4	4.5
TRIASSIC A TOTAL	34 910.0			5 894.0	11 910.0	17 800.0	13 516.7	4 283.3
PRIMARY AREA	611.0	0.17		104.0		104.0		
SOLVENT FLOOD AREA	14 500.0	0.17	0.44	2 420.0	6 380.0	8 800.0		
WATER FLOOD AREA	19 800.0	0.17	0.30	3 370.0	5 530.0	8 900.0		
KEHO 011-22W4								
COLORADO A	388.0	0.10		38.8		38.8	28.6	10.2
BOW ISLAND C	345.0	<0.02		5.4		5.4	5.4	
BOW ISLAND F	276.0	0.10		27.6		27.6	19.2	8.4
BOW ISLAND G WATER FLOOD	414.0	0.10	0.20	41.4	82.8	124.0	45.3	78.7
BOW ISLAND H	100.0	0.10		10.0		10.0	4.4	5.6
ELKTON A	192.0	0.08		15.4		15.4	10.8	4.6
PEKISKO A	242.0	<0.02		2.7		2.7	2.7	
KELSEY 044-18W4								
LOWER MANNVILLE A	103.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE B	1 319.0	0.05		66.0		66.0	1.2	64.8

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
341	6.20	0.210	0.25	0.85	75	876	41	11 940	1 368.0	1978	82 06
128	2.10	0.210	0.20	0.85	75	876	41	11 700	1 350.7	1977	82 06
64	4.62	0.160	0.30	0.80	93	865	39	11 980	1 344.3	1976	79 07 - GPP
64	1.70	0.180	0.35	0.80	90	865	36	12 521	1 354.5	1980	83 12 - ABAND 87 06
64	4.30	0.240	0.18	0.84	72	861	40	11 317	1 303.2	1984	85 04
64	5.00	0.260	0.22	0.83	73	857	40	11 198	1 306.5	1987	87 08
64	0.80	0.180	0.25	0.85	80	871	48	11 832	1 342.1	1987	88 01
64	4.00	0.220	0.35	0.86	65	868	40		1 424.8	1988	89 01 - SUSP 89 08
64	5.00	0.240	0.13	0.86	65	868	40	11 005	1 340.5	1988	90 03
247	1.88	0.134	0.32	0.85	68	847	49	13 715	1 510.0	1982	85 11
712	1.17	0.195	0.14	0.79	86	813	63	13 070	1 414.6	1984	89 08
448	6.28	0.110	0.22	0.66	192	790	53	20 248	1 856.4	1979	88 05
64	1.41	0.086	0.28	0.62	132	798	53	20 209	1 757.6	1979	81 07 - SUSP 83 08
5 184					254	794	52	21 248	1 826.1	1978	90 03
2 240	2.15	0.113	0.21	0.60							
2 944	2.37	0.124	0.21	0.60							
320	1.83	0.130	0.15	0.59	253	780	52	21 213	1 822.5	1979	88 04
204	2.61	0.120	0.14	0.59	268	790	55	20 558	1 785.6	1980	85 02
64	9.48	0.100	0.37	0.63	192	775	51	13 261	1 737.4	1957	88 05
64	7.00	0.100	0.30	0.65	185	850	67	23 990	2 453.5	1980	88 06 - ABAND 87 11
64	5.20	0.110	0.58	0.65	160	811	74	23 130	2 346.1	1981	88 12 - ABAND 87 11
64	5.10	0.120	0.35	0.73	165	830	67	23 860	2 436.8	1980	86 11
64	3.62	0.120	0.40	0.82	72	837	49	12 923	1 627.9	1984	86 01 - SUSP 85 10
64	5.54	0.121	0.38	0.82	68	847	48		1 834.7	1986	88 01
64	2.50	0.130	0.10	0.60	246	823	90	22 664	2 358.0	1988	90 11
64	6.70	0.100	0.49	0.85	48	885	71	14 178	1 754.2	1981	83 12 - SUSP 82 09
64	2.70	0.170	0.17	0.84	96	874	60	14 175	1 753.9	1981	84 12 - SUSP 83 03
16	2.20	0.150	0.30	0.90	34	941	54	14 768	1 760.1	1986	88 01 - ABAND 88 06
1 040	5.82	0.160	0.30	0.85	57	887	73	14 480	1 810.5	1960	83 12 - GPP
128	8.95	0.168	0.33	0.84	64	874	60	14 397	1 836.5	1985	89 08
64	1.24	0.137	0.30	0.70	117	828	79	16 725	1 924.1	1986	86 10
64	36.00	0.072	0.15	0.78	100	837	74	13 880	2 541.5	1978	85 07 - ABAND 86 02
6 948					199	811	113	31 920	2 980.9	1957	90 12
128	9.88	0.064	0.30	0.62							
5 000	17.82	0.076	0.19	0.62							- GPP
1 820	18.56	0.062	0.23	0.62							- GPP
501	8.78	0.064	0.26	0.61	435	797	109	30 270	2 949.5	1961	76 08
64	3.64	0.160	0.40	0.78	94	830	60	12 410	1 618.4	1977	79 11 - ABAND 83 01
256	4.33	0.130	0.34	0.85	82	831	55	13 710	1 658.6	1976	86 12 - GPP
65	1.52	0.120	0.28	0.75	103	829	82	12 800	2 024.8	1976	83 12 - ABAND 80 02
64	3.06	0.120	0.40	0.70	156	824	82	14 451	2 077.8	1978	84 12 - GPP
8 652					123	815	86	17 450	2 095.5	1962	87 12
338	2.20	0.130	0.11	0.71							
3 249	6.73	0.105	0.11	0.71							- GPP
5 065	5.89	0.105	0.11	0.71							- GPP
256	1.25	0.187	0.28	0.90	24	870	38	7 580	1 133.2	1932	75 09 - GPP
65	6.95	0.163	0.50	0.94	20	839	49	3 480	1 175.6	1974	88 12 - ABAND 84 03
128	2.90	0.150	0.45	0.90	27	819	31	3 866	991.9	1981	86 04 - GPP
270	1.71	0.135	0.30	0.95	27	873	31	5 604	957.5	1983	89 02
125	1.20	0.100	0.30	0.95	25	855	32	3 871	1 045.0	1978	88 12 - GPP
64	3.05	0.160	0.14	0.71	128	839	42	14 840	1 550.2	1972	83 12 - GPP
64	19.00	0.030	0.15	0.78	92	878	50	18 777	1 902.5	1979	83 12 - ABAND 83 10
64	1.50	0.210	0.40	0.85	58	856	42	7 188	1 129.7	1982	83 06 - SUSP 83 12
128	6.16	0.230	0.21	0.92	35	875	34	8 187	1 135.0	1987	88 08 - SUSP 89 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
KIDNEY 092-05W5								
SLAVE POINT A	246.0	<0.01		1.0		1.0	1.0	
SLAVE POINT B	331.0	0.10		33.1		33.1	0.1	33.0
SLAVE POINT C	252.0	<0.01		0.2		0.2	0.2	
KEG RIVER A	1 073.0	0.25		268.0		268.0	61.8	206.2
KEG RIVER B	1 200.0	0.25		300.0		300.0	110.4	189.6
KEG RIVER C	579.0	0.25		145.0		145.0	54.1	90.9
KEG RIVER D	273.0	0.25		68.3		68.3	22.6	45.7
KEG RIVER E	345.0	0.25		86.3		86.3	32.5	53.8
KEG RIVER G	424.0	0.25		106.0		106.0	39.3	66.7
KEG RIVER I	553.0	0.25		138.0		138.0	47.8	90.2
KEG RIVER J	793.0	0.25		198.0		198.0	75.9	122.1
KEG RIVER K	142.0	0.20		28.4		28.4	7.7	20.7
KEG RIVER L	336.0	0.10		33.6		33.6	14.0	19.6
KEG RIVER M	564.0	0.20		113.0		113.0	17.0	96.0
KEG RIVER N	42.8	<0.02		0.6		0.6	0.6	
KEG RIVER O	80.7	0.20		16.1		16.1	10.6	5.5
KEG RIVER P	55.1	0.15		8.3		8.3	6.9	1.4
KEG RIVER Q	265.0	0.25		66.3		66.3	17.4	48.9
KEG RIVER R	65.1	0.25		16.3		16.3	3.1	13.2
KEG RIVER S	58.5	0.25		14.6		14.6	3.6	11.0
KEG RIVER T	129.0	0.25		32.3		32.3	9.2	23.1
KEG RIVER U	134.0	0.15		20.1		20.1	2.8	17.3
KEG RIVER V	63.4	0.25		15.9		15.9	11.3	4.6
KEG RIVER W	519.0	0.10		51.9		51.9	11.0	40.9
KEG RIVER X	177.0	0.25		44.3		44.3	3.0	41.3
KEG RIVER Y	764.0	0.25		191.0		191.0	55.6	135.4
KEG RIVER AA	34.0	0.15		5.1		5.1	4.1	1.0
KEG RIVER BB	2 086.0	0.25		522.0		522.0	146.7	375.3
KEG RIVER CC	506.0	0.25		127.0		127.0	33.6	93.4
KEG RIVER DD	169.0	0.25		42.3		42.3	15.9	26.4
KEG RIVER EE	128.0	0.25		32.0		32.0	10.4	21.6
KEG RIVER FF	67.8	0.25		17.0		17.0	8.6	8.4
KEG RIVER GG	32.0	0.05		1.6		1.6	1.0	0.6
KEG RIVER HH	125.0	0.25		31.3		31.3	2.4	28.9
KEG RIVER II	105.0	0.25		26.3		26.3	8.2	18.1
KEG RIVER JJ	117.0	0.25		29.3		29.3	5.8	23.5
KEG RIVER KK	109.0	0.25		27.3		27.3	2.3	25.0
KEG RIVER LL	116.0	0.25		29.0		29.0	0.4	28.6
KEG RIVER MM	193.0	0.25		48.3		48.3	9.6	38.7
KEG RIVER NN	95.8	0.25		24.0		24.0	3.4	20.6
KEG RIVER OO	125.0	0.10		12.5		12.5	2.1	10.4
KEG RIVER PP	141.0	0.25		35.3		35.3	2.3	33.0
KEG RIVER QQ	149.0	0.25		37.3		37.3	8.9	28.4
KEG RIVER RR	119.0	0.25		29.8		29.8	9.7	20.1
KEG RIVER SS	428.0	0.25		107.0		107.0	26.9	80.1
KEG RIVER TT	352.0	0.25		88.0		88.0	18.2	69.8
KEG RIVER UU	86.9	0.20		17.4		17.4	5.3	12.1
KEG RIVER VV	124.0	0.25		31.0		31.0	7.5	23.5
KEG RIVER WW	278.0	0.25		69.5		69.5	10.4	59.1
KEG RIVER XX	92.3	0.15		13.8		13.8	1.6	12.2
KEG RIVER YY	45.5	0.25		11.4		11.4	6.2	5.2
KEG RIVER ZZ	103.0	0.25		25.8		25.8	7.4	18.4
KEG RIVER AAA	43.0	0.25		10.8		10.8	3.3	7.5
KEG RIVER BBB	80.2	0.25		20.1		20.1	5.1	15.0
KEG RIVER CCC	106.0	0.35		37.1		37.1	7.9	29.2
KEG RIVER DDD	65.0	0.15		9.8		9.8	2.2	7.6
KEG RIVER EEE	69.5	0.15		10.4		10.4	1.1	9.3
KEG RIVER FFF	166.0	<0.01		0.3		0.3	0.3	
KEG RIVER GGG	150.0	0.25		37.5		37.5		37.5
KEG RIVER HHH	367.0	0.20		73.4		73.4		73.4
KILLAM 043-10W4								
UPPER VIKING B	318.0	0.15		47.7		47.7	47.0	0.7
UPPER VIKING C	44.8	0.10		4.5		4.5	3.5	1.0
UPPER VIKING D	28.4	<0.02		0.5		0.5	0.5	
UPPER VIKING E	70.0	<0.01		0.3		0.3	0.3	
UPPER VIKING H	388.0	0.10		38.8		38.8	11.6	27.2
UPPER VIKING K	134.0	0.02		2.7		2.7	0.4	2.3
GLAUCONITIC S	1 900.0	0.40		760.0		760.0	574.8	185.2
GLAUCONITIC FF	1 415.0	0.40		566.0		566.0	374.9	191.1
GLAUCONITIC PP	173.0	0.40		69.2		69.2	18.1	51.1

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
64	12.50	0.060	0.41	0.87	53	827	33	14 050	1 056.5	1987	87 01 - ABAND 89 10
64	14.80	0.067	0.40	0.87	52	850	34	13 877	1 036.6	1986	86 02
64	6.80	0.090	0.26	0.87	57	822	38	7 536	1 037.0	1987	38 09 - ABAND 89 10
320	10.50	0.055	0.34	0.88	47	829	40	13 842	1 291.1	1985	87 08
583	5.58	0.059	0.29	0.88	43	825	39	13 956	1 350.9	1985	89 01
192	9.92	0.048	0.28	0.88	43	818	36	14 043	1 433.8	1986	87 03
64	8.22	0.092	0.36	0.88	42	835	39	13 798	1 323.3	1986	86 06
64	14.97	0.066	0.39	0.88	44	835	39	13 925	1 425.2	1986	86 06
128	8.84	0.060	0.29	0.88	43	835	39	13 901	1 329.6	1986	88 02
192	7.44	0.063	0.31	0.89	23	835	39	14 129	1 344.3	1986	88 01
256	9.36	0.057	0.34	0.88	45	835	38	14 056	1 475.2	1986	87 12
119	4.30	0.050	0.37	0.88	47	835	40	13 926	1 334.9	1986	89 08
200	6.00	0.054	0.43	0.91	43	854	41	14 534	1 431.3	1986	90 12
192	7.29	0.079	0.42	0.88	47	829	40	13 317	1 316.2	1986	88 02
64	2.09	0.056	0.35	0.88	43	838	39	13 391	1 406.6	1986	89 12 - SUSP 87 05
16	12.45	0.061	0.27	0.91	32	831	39	14 159	1 339.7	1985	90 12
16	11.20	0.060	0.39	0.91	32	834	41	13 314	1 329.1	1985	90 12 - SUSP 89 03
128	5.97	0.056	0.32	0.91	45	835	39	14 311	1 374.1	1986	88 07
64	4.73	0.043	0.45	0.91	32	835	39	14 492	1 331.6	1986	87 02
64	2.80	0.053	0.30	0.88	43	818	39	14 217	1 417.6	1986	87 03
64	5.18	0.066	0.35	0.91	32	821	39	7 322	1 395.0	1986	87 03
64	6.44	0.066	0.44	0.88	31	836	36	13 695	1 309.8	1986	87 04
64	3.05	0.051	0.30	0.91	32	821	39	13 872	392.8	1987	87 05
128	12.80	0.053	0.33	0.89	41	818	39	14 243	1 478.8	1987	89 12
64	5.80	0.086	0.37	0.88	47	835	40	13 550	1 274.9	1987	87 07
320	8.59	0.047	0.35	0.91	32	824	39	14 322	1 497.0	1987	88 06
16	7.80	0.045	0.32	0.89	41	835	39	13 379	1 310.5	1987	90 12
653	5.95	0.078	0.26	0.93	23	835	39		1 475.6	1987	89 01
256	6.45	0.051	0.34	0.91	41	841	39	13 368	1 494.7	1987	87 12
64	7.90	0.056	0.33	0.89	41	835	39	13 830	1 483.7	1986	88 01
128	3.51	0.049	0.34	0.88	35	835	39	14 288	1 492.3	1986	88 04
64	4.50	0.042	0.37	0.89	41	835	39	13 165	1 303.0	1987	88 07
16	7.80	0.040	0.28	0.89	41	842	39	13 423	1 470.0	1987	90 12 - SUSP 90 02
64	6.00	0.050	0.27	0.89	41	842	39	13 820	1 466.9	1987	88 02
64	5.50	0.050	0.32	0.88	32	824	39	14 161	1 503.4	1987	88 04
64	6.00	0.050	0.33	0.91	32	833	39	14 230	1 525.0	1987	88 05
64	3.40	0.075	0.25	0.89	32	819	35	14 611	1 468.4	1987	88 06 - SUSP 89 05
64	4.80	0.058	0.27	0.89	41	820	39	14 260	1 472.3	1987	88 06 - SUSP 89 02
64	10.50	0.040	0.21	0.91	32	824	39	13 835	1 396.6	1988	88 07
64	5.40	0.045	0.30	0.88	47	829	36	14 205	1 299.6	1988	88 07
64	5.70	0.060	0.37	0.91	32	824	39	12 949	1 296.0	1988	88 07
64	7.25	0.049	0.32	0.91	32	824	39	14 558	1 467.5	1987	88 07
64	6.26	0.061	0.33	0.91	32	824	39	14 512	1 509.7	1987	88 07
64	6.00	0.047	0.26	0.89	41	820	39	14 102	1 332.2	1987	88 08
64	14.90	0.068	0.25	0.88	43	819	39	13 868	1 479.9	1988	88 08
128	8.17	0.050	0.26	0.91	32	824	39	14 071	1 298.3	1988	88 12
64	4.18	0.050	0.27	0.89	41	820	39	13 972	1 513.7	1988	88 12
64	6.00	0.054	0.32	0.88	43	810	39	12 581	1 305.8	1988	89 01
64	8.45	0.077	0.24	0.88	43	879	39		1 480.6	1988	89 01
64	4.80	0.056	0.39	0.88	43	810	39	12 648	1 317.5	1988	88 08
64	2.11	0.052	0.28	0.90	32	824	39	13 620	1 341.2	1988	89 02
64	4.89	0.053	0.32	0.91	32	824	39	13 807	1 300.1	1988	89 02
64	1.81	0.053	0.22	0.90	32	824	39	14 730	1 480.7	1988	89 05
64	4.07	0.050	0.30	0.88	43	819	39	12 436	1 328.9	1988	89 06
64	7.50	0.041	0.41	0.91	32	824	39	13 358	1 331.7	1989	89 07
64	2.40	0.074	0.35	0.88	47	829	40	12 288	1 313.9	1988	89 08
64	2.10	0.084	0.30	0.88	47	829	40	12 950	1 299.0	1988	89 08
64	12.30	0.040	0.40	0.88	43	819	39	12 778	1 386.8	1989	90 02 - ABAND 90 02
64	6.00	0.060	0.26	0.88	43	819	39		1 367.3	1989	90 05
64	18.60	0.050	0.30	0.88	43	819	39		1 292.7	1989	90 05
244	1.16	0.190	0.35	0.91	38	849	27	5 582	783.3	1957	75 12 - GPP
32	1.22	0.250	0.50	0.91	39	849	28	5 630	788.2	1971	83 12 - SUSP 89 09
32	1.30	0.150	0.50	0.91	39	887	37	5 020	788.5	1971	79 06 - SUSP 85 01
64	1.50	0.160	0.50	0.91	39	854	34	6 220	817.3	1979	79 10 - SUSP 85 02
160	2.15	0.210	0.41	0.91	26	851	36	4 315	795.5	1981	84 11
64	2.40	0.170	0.46	0.95	24	857	33		799.9	1982	90 08
151	5.93	0.268	0.14	0.92	39	860	34	6 100	949.3	1979	87 12 - GPP
112	5.91	0.264	0.12	0.92	39	910	34	6 250	947.1	1982	87 09 - GPP
16	5.09	0.260	0.11	0.92	35	874	34		1 008.7	1988	89 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
KITTY 086-12W5								
SLAVE POINT A	207.0	0.10		20.7		20.7	9.7	11.0
SLAVE POINT B	408.0	0.30		122.0		122.0	39.0	83.0
SLAVE POINT C	333.0	0.40		133.0		133.0	47.4	85.6
SLAVE POINT D	55.0	0.30		16.5		16.5	2.5	14.0
SLAVE POINT E	134.0	<0.02		2.0		2.0	2.0	
SLAVE POINT F	103.0	0.10		10.3		10.3	2.0	8.3
SLAVE POINT G	34.7	0.30		10.4		10.4	6.6	3.8
SLAVE POINT H	40.0	<0.02		0.6		0.6	0.6	
GRANITE WASH A	83.7	<0.07		5.6		5.6	5.6	
GRANITE WASH B	121.0	0.20		24.2		24.2	0.4	23.8
KNAPPEN 001-11W4								
LOWER MANNVILLE A	429.0	0.12		51.5		51.5	42.7	8.8
LOWER MANNVILLE B	278.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE C	378.0	0.08		30.4		30.4	23.1	7.3
LOWER MANNVILLE F	229.0	0.05		11.5		11.5	6.1	5.4
LOWER MANNVILLE H	99.0	0.10		9.9		9.9	0.5	9.4
KNOPCIK 074-10W6								
DOE CREEK B	311.0	0.10		31.1		31.1	0.2	30.9
CHARLIE LAKE A	153.0	0.10		15.3		15.3	0.5	14.8
CHARLIE LAKE B	90.4	0.15		13.6		13.6	7.7	5.9
CHARLIE LAKE C	117.0	0.10		11.7		11.7	1.2	10.5
CHARLIE LAKE D	116.0	0.15		17.4		17.4	3.7	13.7
HALFWAY A	193.0	0.10		19.3		19.3	0.5	18.8
LA GLACE 074-08W6								
CHARLIE LAKE A	86.9	0.05		4.3		4.3	0.1	4.2
BOUNDARY A	222.0	0.20		44.4		44.4	42.3	2.1
HALFWAY A	10.9	0.10		1.1		1.1	0.1	1.0
LACOMBE 039-25W4								
NISKU A	113.0	<0.12		13.5		13.5	13.5	
NISKU B	75.6	0.10		7.6		7.6	5.3	2.3
NISKU C	176.0	0.20		35.2		35.2	28.6	6.6
NISKU D	325.0	0.20		65.0		65.0	13.7	51.3
NISKU E	50.0	0.20		10.0		10.0	6.6	3.4
NISKU F	165.0	0.10		16.5		16.5	0.1	16.4
NISKU G	202.0	0.20		40.4		40.4	1.3	39.1
LANAWAY 036-03W5								
CARDIUM	2 920.0	0.10		292.0		292.0	204.4	87.6
CARDIUM B	292.0	<0.01		0.6		0.6	0.6	
CARDIUM C	732.0	0.05		36.6		36.6	31.8	4.8
CARDIUM D	92.9	0.10		9.3		9.3	3.4	5.9
CARDIUM E	47.9	0.10		4.8		4.8	1.4	3.4
SECOND WHITE SPECKS A	334.0	0.04		13.4		13.4	11.4	2.0
VIKING B	98.8	0.10		9.9		9.9	6.2	3.7
MANNVILLE	3 500.0	0.10		350.0		350.0	224.2	125.8
MANNVILLE B	320.0	0.05		16.0		16.0	6.6	9.4
MANNVILLE C	23.0	<0.02		0.3		0.3	0.3	
MANNVILLE D	145.0	0.10		14.5		14.5	10.3	4.2
MANNVILLE E	391.0	<0.01		1.3		1.3	1.3	
MANNVILLE F	223.0	<0.01		0.3		0.3	0.3	
MANNVILLE G	108.0	0.10		10.8		10.8	3.9	6.9
GLAUCONITIC A & BASAL QUARTZ A	229.0	<0.01		1.0		1.0	1.0	
JURASSIC-RUNDLE A	940.0	0.25		235.0		235.0	36.2	198.8
ELKTON A	1 200.0	0.03		36.0		36.0	14.8	21.2
PEKISKO A	101.0	0.10		10.1		10.1	2.7	7.4
D-2 A	243.0	0.20		48.6		48.6	19.6	29.0
D-3 A	245.0	<0.01		2.4		2.4	2.4	
LARNE 116-03W6								
MUSKEG B	144.0	<0.07		9.1		9.1	9.1	
KEG RIVER A	350.0	0.10		35.0		35.0	19.1	15.9
KEG RIVER B	340.0	0.10		34.0		34.0	24.0	10.0
KEG RIVER C	718.0	<0.07		46.1		46.1	46.1	
KEG RIVER D	397.0	0.20		79.4		79.4	62.8	16.6
KEG RIVER E	338.0	0.20		67.7		67.7	52.3	15.4
KEG RIVER F	127.0	<0.09		10.7		10.7	10.7	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	9.23	0.050	0.23	0.91	31	829	46	15 523	1 533.9	1985	87 12
192	4.50	0.070	0.25	0.90	33	835	45	16 113	1 504.5	1982	86 03
64	7.19	0.098	0.17	0.89	35	836	44	15 981	1 533.2	1984	90 06
64	3.00	0.045	0.30	0.91	30	833	38	15 415	1 538.5	1980	81 02
64	8.80	0.045	0.42	0.91	32	857	38	15 522	1 478.3	1982	88 12 - ABAND 90 01
64	3.90	0.070	0.35	0.91	32	837	38	15 983	1 532.3	1980	87 12
64	1.52	0.065	0.39	0.90	33	794	40	15 335	1 529.5	1987	88 12
64	3.20	0.035	0.38	0.90	38	834	27	15 019	1 484.3	1986	86 05 - SUSP 88 04
64	1.40	0.160	0.27	0.80	76	832	54	15 726	1 562.7	1983	84 06 - ABAND 89 12
64	2.50	0.150	0.44	0.90	31	837	43	16 073	1 563.5	1986	87 02
128	2.28	0.210	0.27	0.96	10	835	32	9 268	895.5	1956	90 12 - GPP
65	2.44	0.250	0.20	0.88	42	829	28	6 840	831.8	1965	83 12 - SUSP 76 02
130	1.52	0.250	0.20	0.96	18	844	34	6 030	814.4	1965	73 12 - GPP
64	3.70	0.200	0.45	0.88	51	830	29	6 500	810.9	1975	83 12 - GPP
64	3.10	0.130	0.59	0.94	21	835	30	3 773	804.7	1988	90 02
64	3.93	0.200	0.35	0.95	19	839	28	6 296	910.7	1987	89 01 - SUSP 89 01
64	2.87	0.170	0.30	0.70	120	821	76	8 369	2 116.9	1981	88 06 - SUSP 88 11
51	1.50	0.180	0.10	0.73	120	827	76	26 793	2 292.3	1987	90 06
64	1.70	0.165	0.15	0.77	100	829	73	17 022	2 316.2	1987	88 09
64	1.36	0.190	0.10	0.78	79	806	76	20 774	2 308.7	1988	89 08
64	7.99	0.084	0.35	0.69	149	807	64	21 668	2 201.7	1982	88 03 - SUSP 89 01
64	2.10	0.100	0.16	0.77	100	829	73	21 245	1 899.3	1987	88 03 - SUSP 87 12
128	1.81	0.150	0.15	0.75	126	825	74	21 407	1 927.0	1959	88 03 - GPP
64	0.50	0.055	0.13	0.71	129	798	73	20 846	1 954.8	1988	89 01
64	6.18	0.060	0.32	0.70	106	819	70	16 526	1 992.8	1958	78 12 - ABAND 89 11
64	4.20	0.055	0.30	0.73	105	810	73	16 478	1 984.3	1982	85 03 - GPP
128	3.05	0.076	0.15	0.70	143	822	67	17 025	1 972.2	1977	85 03 - GPP
128	4.70	0.100	0.26	0.73	110	825	74	18 164	2 063.3	1986	89 04
64	2.30	0.060	0.17	0.68	143	823	67	18 170	2 057.3	1988	90 02 - GPP
64	5.00	0.090	0.18	0.70	130	810	77	18 201	2 052.4	1988	89 03
64	5.20	0.100	0.19	0.75	117	809	78		2 069.7	1989	90 01
1 869	2.35	0.110	0.28	0.84	53	825	54	15 314	1 807.5	1960	82 07
129	3.66	0.090	0.22	0.88	53	839	54	21 406	1 773.6	1972	73 12 - ABAND 73 11
256	4.30	0.110	0.28	0.84	53	825	54	20 430	1 776.9	1960	86 12
128	1.00	0.120	0.28	0.84	52	841	58	21 777	1 819.5	1984	86 01
64	1.80	0.080	0.35	0.80	89	822	59	23 123	1 820.8	1982	83 11
65	8.53	0.120	0.30	0.72	89	865	59	21 900	1 860.0	1977	83 12 - SUSP 88 01
64	2.80	0.105	0.30	0.75	100	833	63	9 081	1 947.4	1987	88 03
840	6.60	0.110	0.25	0.76	71	876	60	16 690	2 274.9	1959	83 11
64	6.80	0.124	0.22	0.76	76	853	76	18 783	2 320.5	1981	84 01
64	1.00	0.090	0.50	0.80	88	853	64	10 266	2 298.5	1981	82 06 - ABAND 86 12
64	3.70	0.120	0.25	0.68	134	861	72	18 653	2 294.2	1981	83 03
64	15.90	0.100	0.52	0.80	100	892	66	18 420	2 356.3	1982	84 12 - ABAND 88 09
64	6.00	0.150	0.43	0.68	152	843	82	16 123	2 237.8	1980	84 07 - SUSP 83 04
64	2.10	0.125	0.20	0.80	93	880	45	18 629	2 291.2	1986	87 04
128	4.07	0.090	0.39	0.80	82	874	60	16 680	2 229.0	1979	82 05 - SUSP 85 02
64	15.70	0.150	0.19	0.77	99	876	64	17 047	2 349.3	1988	89 10
261	7.00	0.120	0.27	0.75	103	904	74	18 150	2 395.8	1973	88 01 - GPP
64	5.26	0.060	0.35	0.77	99	876	64	17 499	2 267.3	1977	84 03 - SUSP 88 09
64	10.70	0.055	0.14	0.75	95	810	75	23 760	2 866.2	1985	86 07
65	7.92	0.100	0.15	0.56	261	788	82	24 240	2 923.3	1964	73 02 - SUSP 72 09
35	17.68	0.040	0.35	0.90	35	898	64	13 650	1 407.3	1972	80 11 - ABAND 88 12
12	51.90	0.078	0.20	0.90	22	887	69	13 470	1 429.8	1968	90 12 - SUSP 88 08
17	37.45	0.075	0.20	0.89	37	898	61	13 460	1 415.8	1968	83 12 - GPP
16	60.96	0.092	0.10	0.88	46	898	61	13 710	1 427.1	1968	89 12 - SUSP 87 07
9	72.10	0.089	0.21	0.87	38	876	70	13 800	1 467.3	1968	83 01
17	39.93	0.071	0.20	0.88	31	876	72	13 470	1 425.2	1968	73 12 - SUSP 88 12
21	29.75	0.032	0.30	0.89	37	892	61	12 890	1 399.6	1969	88 12 - SUSP 88 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
LARNE 116-03W6 (CONTINUED)								
KEG RIVER G	284.0	0.20		56.8		56.8	44.0	12.8
KEG RIVER H	413.0	<0.03		11.8		11.8	11.8	
KEG RIVER I	478.0	<0.05		19.6		19.6	19.6	
KEG RIVER J	510.0	<0.02		7.7		7.7	7.7	
KEG RIVER K	397.0	0.15		59.6		59.6	54.0	5.6
KEG RIVER L	292.0	<0.04		9.4		9.4	9.4	
KEG RIVER M	280.0	<0.03		8.0		8.0	8.0	
KEG RIVER N	238.0	<0.07		14.5		14.5	14.5	
KEG RIVER O	143.0	<0.19		26.9		26.9	26.9	
KEG RIVER P	346.0	<0.05		13.9		13.9	13.9	
KEG RIVER Q	159.0	<0.07		10.6		10.6	10.6	
KEG RIVER R	159.0	0.25		39.8		39.8	30.3	9.5
KEG RIVER S	600.0	0.03		18.0		18.0	13.3	4.7
KEG RIVER T	1 100.0	<0.01		2.9		2.9	2.9	
KEG RIVER U	168.0	<0.04		5.2		5.2	5.2	
KEG RIVER V	420.0	0.10		42.0		42.0	12.2	29.8
KEG RIVER W	272.0	0.15		40.8		40.8	3.4	37.4
KEG RIVER X	79.3	<0.06		4.5		4.5	4.5	
KEG RIVER Y	372.0	<0.01		2.3		2.3	2.3	
KEG RIVER Z	160.0	0.10		16.0		16.0	3.9	12.1
KEG RIVER AA	100.0	0.25		25.0		25.0	1.7	23.3
KEG RIVER BB	80.0	0.05		4.0		4.0	2.9	1.1
KEG RIVER CC	120.0	0.25		30.0		30.0	11.1	18.9
KEG RIVER DD	235.0	0.10		23.5		23.5	7.8	15.7
KEG RIVER EE	190.0	0.25		47.5		47.5	11.2	36.3
KEG RIVER FF	70.0	0.25		17.5		17.5	2.7	14.8
KEG RIVER GG	86.8	0.25		21.7		21.7	4.3	17.4
KEG RIVER HH	150.0	0.25		37.5		37.5	15.8	21.7
KEG RIVER II	206.0	<0.01		1.2		1.2	1.2	
KEG RIVER JJ	74.4	0.10		7.4		7.4	4.5	2.9
KEG RIVER KK	110.0	0.25		27.5		27.5	3.6	23.9
KEG RIVER LL	260.0	0.10		26.0		26.0	13.2	12.8
KEG RIVER MM	212.0	0.15		31.8		31.8	3.0	28.8
KEG RIVER NN	418.0	0.15		62.7		62.7	4.3	58.4
LATOR 063-02W6								
DUNVEGAN A	1 540.0	0.10		154.0		154.0	133.1	20.9
DUNVEGAN B	184.0	0.10		18.4		18.4	0.4	18.0
LATORNELL 063-01W6								
DUNVEGAN A	1 310.0	<0.01		1.3		1.3	1.3	
LEAHURST 039-18W4								
VIKING E	293.0	<0.01		0.1		0.1	0.1	
MANNVILLE C	70.9	<0.02		1.0		1.0	1.0	
MANNVILLE M	153.0	0.10		15.3		15.3	3.8	11.5
BASAL QUARTZ A	110.0	0.05		5.5		5.5	1.6	3.9
BASAL QUARTZ B	45.9	<0.01		0.2		0.2	0.2	
BASAL QUARTZ C	137.0	<0.01		1.2		1.2	1.2	
BASAL QUARTZ E	188.0	0.10		18.8		18.8	0.2	18.6
LEAMAN 055-12W5								
LOWER MANNVILLE G	359.0	0.10		35.9		35.9	19.9	16.0
LOWER MANNVILLE M	152.0	0.10		15.2		15.2	4.2	11.0
NORDEGG A	383.0	<0.01		0.8		0.8	0.8	
NORDEGG C	1 600.0	0.15		240.0		240.0	54.7	185.3
LEDUC-WOODBEND 050-26W4								
BLAIRMORE A	1 450.0	0.20		290.0		290.0	279.2	10.8
BLAIRMORE B	27.3	<0.08		2.1		2.1	2.1	
BLAIRMORE C	63.1	<0.01		0.1		0.1	0.1	
BLAIRMORE D	404.0	<0.03		9.8		9.8	9.8	
BLAIRMORE E	605.0	<0.04		23.3		23.3	23.3	
BLAIRMORE G	130.0	<0.01		0.7		0.7	0.7	
BLAIRMORE H	37.8	<0.02		0.4		0.4	0.4	
BLAIRMORE J	1 330.0	0.47		625.0		625.0	595.4	29.6
BLAIRMORE K	307.0	<0.14		41.9		41.9	41.9	
BLAIRMORE Q	403.0	0.05		20.2		20.2	4.7	15.5
BLAIRMORE CC	256.0	0.02		5.1		5.1	1.0	4.1
BLAIRMORE GG	145.0	0.05		7.3		7.3	3.9	3.4

9 AREA (ha)	10 AVERAGE PAY THICKNESS (m)	11 POROSITY (frac)	12 WATER SATN (frac)	13 SHRINKAGE (frac)	14 INITIAL SOLUTION GOR (m^3/m^3)	15 DENSITY (kg/m^3)	16 TEMP (°C)	17 INITIAL PRESSURE (kPa)	18 MEAN FORMATION DEPTH (m)	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
13	47.61	0.061	0.15	0.89	35	898	63	13 410	1 410.3	1969	83 12
14	56.93	0.071	0.18	0.89	27	887	62	13 090	1 417.6	1971	88 12 - ABAND 90 03
13	47.37	0.098	0.10	0.88	39	881	62	13 070	1 409.1	1971	81 12 - SUSP 79 12
15	41.04	0.107	0.13	0.89	35	887	61	12 450	1 421.3	1971	83 12 - SUSP 80 02
13	48.62	0.083	0.18	0.90	35	887	61	13 310	1 408.2	1971	85 12 - GPP
11	58.61	0.066	0.22	0.88	43	887	50	13 130	1 444.4	1971	86 12 - ABAND 90 01
12	38.60	0.084	0.18	0.88	35	892	64	13 170	1 413.7	1972	84 12 - SUSP 85 11
27	22.77	0.055	0.20	0.88	33	892	54	14 320	1 397.2	1971	81 12 - ABAND 89 11
7	40.14	0.064	0.15	0.90	31	904	64	14 820	1 406.7	1971	86 12 - SUSP 85 03
16	38.10	0.078	0.20	0.90	35	910	70	13 360	1 410.6	1972	80 11 - ABAND 88 12
14	17.98	0.078	0.11	0.90	27	904	63	13 560	1 411.8	1971	81 12 - ABAND 82 02
25	18.17	0.049	0.20	0.89	45	881	62	13 830	1 413.4	1969	88 12 - GPP
28	57.33	0.070	0.40	0.89	22	869	80	13 622	1 445.5	1982	88 07
64	43.50	0.060	0.25	0.88	38	920	61	13 566	1 416.5	1983	88 12 - ABAND 86 12
19	23.10	0.050	0.13	0.88	38	909	61	12 887	1 408.5	1983	88 12 - SUSP 86 05
11	51.70	0.114	0.25	0.88	38	894	61	12 615	1 408.3	1983	85 12 - GPP
14	25.10	0.100	0.12	0.88	47	919	62	13 241	1 408.9	1984	85 06 - SUSP 87 11
12	19.50	0.050	0.23	0.88	43	884	48	13 026	1 415.4	1972	85 12 - SUSP 86 05
64	11.00	0.075	0.20	0.88	32	889	72	13 306	1 426.5	1985	89 12 - SUSP 87 07
14	28.01	0.060	0.20	0.85	54	880	59	13 323	1 445.8	1985	87 01
16	18.14	0.045	0.13	0.88	35	900	54	12 653	1 401.2	1985	86 02
16	19.00	0.040	0.25	0.88	35	917	57	12 796	1 407.5	1985	89 12 - SUSP 89 08
13	17.63	0.070	0.15	0.88	37	894	62	13 474	1 431.3	1985	87 12
14	29.77	0.072	0.11	0.88	35	898	79	12 430	1 395.0	1985	90 12
32	19.84	0.040	0.15	0.88	32	878	65	13 527	1 418.0	1985	87 01
13	16.00	0.045	0.15	0.88	35	804	63	13 125	1 407.0	1985	86 05
41	14.88	0.021	0.23	0.88	35	907	63	12 815	1 407.5	1986	86 07
30	20.21	0.037	0.24	0.88	35	892	63	12 896	1 400.8	1986	87 01
64	30.00	0.020	0.39	0.88	35	891	63	13 618	1 409.0	1986	89 12 - SUSP 86 01
16	16.51	0.040	0.20	0.88	35	899	63	13 044	1 400.3	1986	89 12 - SUSP 89 08
64	12.00	0.025	0.35	0.88	35	881	77	13 234	1 416.0	1986	86 09
10	53.20	0.064	0.13	0.88	47	893	62	14 764	1 461.4	1987	90 12 - GPP
64	17.30	0.029	0.25	0.88	47	860	62	13 533	1 432.6	1987	88 05 - SUSP 89 11
64	17.00	0.056	0.22	0.88	47	892	62	13 415	1 426.1	1987	88 05
612	2.83	0.174	0.30	0.73	119	829	67	22 830	2 162.0	1956	71 04
64	6.73	0.091	0.30	0.67	200	830	82	24 470	2 401.7	1979	80 06
192	10.54	0.125	0.30	0.74	119	830	67	12 172	1 934.1	1985	86 05 - SUSP 86 04
64	7.40	0.125	0.45	0.90	35	876	43	6 545	1 100.9	1982	88 12 - SUSP 83 01
64	0.92	0.210	0.40	0.95	18	892	44	10 480	1 262.8	1973	84 12 - SUSP 84 01
64	2.70	0.150	0.38	0.95	16	877	39	10 581	1 284.0	1982	82 12
64	2.50	0.150	0.46	0.85	57	897	55	10 726	1 299.7	1978	84 12
64	1.10	0.150	0.45	0.79	88	860	55	10 575	1 303.9	1979	84 12 - SUSP 84 12
64	2.40	0.150	0.30	0.85	66	873	46	9 335	1 235.2	1980	80 12 - SUSP 84 07
64	3.50	0.145	0.32	0.85	58	868	43	8 700	1 260.2	1986	86 10 - SUSP 89 01
192	2.94	0.122	0.34	0.79	87	886	71	16 139	1 877.6	1981	85 09
32	9.60	0.180	0.68	0.86	52	927	61	12 169	1 645.6	1985	85 10 - SUSP 89 03
64	11.90	0.117	0.50	0.86	65	878	50	12 501	1 614.9	1981	89 12 - SUSP 85 07
460	5.32	0.160	0.53	0.87	52	923	57	12 239	1 618.3	1985	88 09
338	3.90	0.183	0.23	0.78	94	834	57	9 790	1 305.2	1951	81 12 - GPP
16	1.86	0.150	0.25	0.81	93	834	57	9 650	1 297.8	1951	71 12 - ABAND 62 06
16	4.57	0.150	0.28	0.79	93	825	58	10 170	1 316.7	1952	62 05 - ABAND 56 08
69	8.23	0.150	0.45	0.86	53	887	57	10 340	1 376.2	1952	74 04 - ABAND 74 03
65	10.97	0.150	0.28	0.79	98	825	60	10 240	1 347.8	1952	62 10 - SUSP 85 01
16	9.45	0.150	0.28	0.79	93	825	59	10 240	1 358.5	1953	68 03 - ABAND 54 11
16	2.74	0.150	0.28	0.79	93	825	56	9 760	1 278.6	1950	68 03 - ABAND 51 05
256	4.15	0.200	0.20	0.78	93	825	54	9 650	1 287.5	1948	86 12 - GPP
119	3.05	0.143	0.28	0.82	98	825	62	10 340	1 334.7	1951	82 12 - SUSP 84 10
64	6.00	0.190	0.30	0.79	83	826	54		1 300.0	1948	88 12
64	4.60	0.150	0.28	0.80	98	825	60	10 124	1 317.0	1953	79 12 - GPP
64	2.40	0.220	0.45	0.78	98	850	60	9 208	1 292.6	1980	90 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
LEDUC-WOODBEND 050-26W4 (CONTINUED)								
BLAIRMORE KK	248.0	<0.01		1.5		1.5	1.5	
BLAIRMORE NN	496.0	0.05		24.8		24.8	2.3	22.5
BLAIRMORE OO	191.0	0.10		19.1		19.1	1.5	17.6
GLAUCONITIC A	305.0	0.03		9.2		9.2	1.6	7.6
D-1 A	159.0	<0.03		4.0		4.0	4.0	
D-1 B	54.7	<0.18		9.8		9.8	9.8	
D-2 A WATER FLOOD	32 700.0	<0.34	0.10	10 900.0	3 270.0	14 200.0	14 168.3	31.7
D-2 B	12 500.0	0.27		3 380.0		3 380.0	3 276.8	103.2
D-2 C	413.0	0.54		223.0		223.0	216.3	6.7
D-2 D	99.5	0.60		59.7		59.7	55.7	4.0
D-2 E	192.0	0.63		121.0		121.0	118.4	2.6
D-2 F	318.0	0.20		63.6		63.6	55.8	7.8
D-3 A WATER FLOOD	61 200.0	0.55	0.10	33 700.0	6 120.0	39 800.0	39 392.9	407.1
D-3 B	2 380.0	0.52		1 238.0		1 238.0	1 197.9	40.1
D-3 C	144.0	0.51		73.7		73.7	73.7	
D-3 D	113.0	0.39		44.3		44.3	44.3	
D-3 E	403.0	0.10		40.3		40.3	31.2	9.1
D-3 F	1 035.0	0.57		590.0		590.0	570.0	20.0
D-3 G	153.0	0.30		45.9		45.9	19.1	26.8
D-3 H	105.0	<0.04		3.8		3.8	3.8	
D-3 I	118.0	<0.07		7.5		7.5	7.5	
D-3 J	180.0	0.40		72.0		72.0	19.2	52.8
D-3 K	84.3	<0.01		0.3		0.3	0.3	
D-3 L	72.5	<0.01		0.6		0.6	0.6	
D-3 M	213.0	<0.01		0.1		0.1	0.1	
LEGAL 057-25W4								
MIDDLE VIKING A	434.0	0.50		217.0		217.0	208.6	8.4
MANNVILLE B	38.1	<0.03		1.0		1.0	1.0	
D-3 A	32.4	<0.01		0.1		0.1	0.1	
LELAND 059-25W5								
CARDIUM A	102.0	<0.01		0.5		0.5	0.5	
SECOND WHITE SPECKS A	164.0	<0.01		0.1		0.1	0.1	
SECOND WHITE SPECKS B	113.0	<0.01		0.7		0.7	0.7	
LEO 036-17W4								
UPPER MANNVILLE A	772.0	0.10		77.2		77.2	29.2	48.0
UPPER MANNVILLE C	333.0	0.05		16.7		16.7	4.8	11.9
UPPER MANNVILLE D	163.0	0.10		16.3		16.3	10.5	5.8
UPPER MANNVILLE E	481.0	0.03		14.4		14.4	2.8	11.6
UPPER MANNVILLE F	442.0	0.03		13.3		13.3	4.0	9.3
UPPER MANNVILLE H	207.0	0.10		20.7		20.7	1.9	18.8
UPPER MANNVILLE J	127.0	0.05		6.4		6.4	1.6	4.8
LESSARD 124-17W5								
KEG RIVER A	161.0	0.30		48.3		48.3	15.7	32.6
KEG RIVER B	555.0	0.01		5.6		5.6	5.6	
KEG RIVER C	165.0	<0.06		9.8		9.8	9.8	
LITTLE HORSE 077-12W5								
SLAVE POINT A	79.7	<0.01		0.2		0.2	0.2	
GILWOOD A	138.0	0.20		27.6		27.6	2.2	25.4
GILWOOD B	120.0	<0.01		0.1		0.1	0.1	
GILWOOD C	139.0	0.30		42.0		42.0	4.7	37.3
GILWOOD E	323.0	0.25		81.0		81.0	30.0	51.0
GILWOOD F	82.6	0.15		10.7		10.7	0.4	10.3
LITTLE SMOKY 067-22W5								
D-3	397.0	0.50		199.0		199.0	184.4	14.6
LOCHEND 027-03W5								
CARDIUM A	11 300.0	0.08		904.0		904.0	517.7	386.3
CARDIUM C	1 000.0	0.01		10.0		10.0	3.8	6.2
CARDIUM D	57.0	0.10		5.7		5.7	0.4	5.3
CARDIUM E	350.0	0.01		3.5		3.5	2.6	0.9
CARDIUM F	36.0	0.03		1.1		1.1	0.8	0.3
CARDIUM G	150.0	0.10		15.0		15.0	2.6	12.4
CARDIUM H	141.0	0.10		14.1		14.1	4.8	9.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	4.00	0.220	0.45	0.80	83	827	54	9 460	1 304.3	1983	83 11 - SUSP 84 06
64	7.00	0.200	0.30	0.79	83	974	42	9 622	1 356.2	1949	86 11
64	3.00	0.180	0.30	0.79	83	827	45	9 429	1 284.7	1948	88 10
64	4.60	0.180	0.36	0.90	33	840	45	9 117	1 306.5	1984	89 12
65	5.39	0.074	0.25	0.82	71	820	58	9 890	1 366.1	1963	75 12 - SUSP 75 03
98	0.91	0.100	0.25	0.82	74	820	54	10 310	1 382.3	1964	68 03 - SUSP 73 05
9 169	18.90	0.034	0.26	0.75	115	834	63	12 200	1 555.4	1947	83 12 - GPP
4 641	11.33	0.048	0.34	0.75	98	834	60	12 650	1 603.9	1950	85 05 - GPP
309	5.18	0.043	0.20	0.75	110	834	62	12 200	1 660.2	1950	87 12 - GPP
110	8.08	0.020	0.30	0.80	109	834	63	12 200	1 660.2	1951	88 12 - GPP
128	9.02	0.028	0.30	0.85	109	834	62	12 200	1 593.2	1950	81 12 - GPP
199	8.29	0.033	0.24	0.77	111	834	64	13 070	1 653.5	1960	77 12 - GPP
8 812	10.77	0.100	0.14	0.75	98	825	66	13 070	1 620.0	1947	85 12 - GPP
751	7.99	0.060	0.13	0.76	85	825	66	13 070	1 653.5	1948	88 12 - GPP
53	5.18	0.080	0.13	0.76	85	825	67	13 070	1 649.6	1950	71 12 - ABAND 71 10
24	8.84	0.080	0.13	0.76	85	825	67	13 070	1 590.1	1949	72 05 - ABAND 66 01
65	10.67	0.090	0.14	0.75	85	825	48	11 620	1 634.6	1967	83 12 - GPP
81	20.91	0.093	0.10	0.73	94	825	61	11 710	1 658.1	1968	90 12 - GPP
65	4.27	0.090	0.19	0.76	103	839	66	11 790	1 702.9	1950	75 11 - GPP
64	4.00	0.065	0.17	0.76	99	847	74	13 000	1 659.2	1984	86 03 - SUSP 86 12
32	5.50	0.100	0.12	0.76	98	833	66	11 356	1 653.3	1985	90 12 - ABAND 90 12
64	7.00	0.066	0.20	0.76	99	848	54	11 820	1 690.5	1985	86 03
64	1.70	0.120	0.15	0.76	94	812	67	11 598	1 687.2	1985	86 06 - ABAND 88 05
64	2.30	0.090	0.28	0.76	94	826	63	11 757	1 706.2	1985	86 06 - ABAND 88 05
64	6.30	0.080	0.13	0.76	94	838	63	11 166	1 648.9	1985	89 12 - SUSP 86 09
233	1.50	0.180	0.25	0.92	36	876	36	5 860	853.7	1952	87 12 - GPP
16	1.83	0.190	0.25	0.89	30	876	43	6 900	1 070.5	1950	68 03 - ABAND 66 06
16	3.20	0.090	0.12	0.80	55	946	44	11 365	1 458.3	1984	85 02 - ABAND 86 11
64	3.00	0.100	0.23	0.69	150	822	71	21 020	2 209.2	1980	88 12 - SUSP 86 06
64	5.00	0.120	0.38	0.69	140	823	80	23 352	2 496.5	1980	89 12 - SUSP 86 01
64	3.00	0.120	0.29	0.69	140	823	80	22 830	2 432.0	1980	85 02 - SUSP 86 02
149	4.36	0.200	0.34	0.90	37	855	39	8 203	1 153.2	1983	88 02
128	3.08	0.160	0.40	0.88	51	855	35	6 664	1 164.3	1975	87 07 - GPP
64	1.80	0.220	0.27	0.88	53	844	40	7 983	1 155.8	1977	83 12
64	7.92	0.154	0.30	0.88	45	865	40	7 164	1 141.7	1978	85 12 - GPP
64	6.70	0.156	0.25	0.88	43	855	28	7 960	1 146.4	1971	79 12
32	4.00	0.240	0.26	0.91	33	869	39	7 588	1 148.0	1987	88 09
64	1.60	0.220	0.38	0.91	33	870	39	8 096	1 154.2	1988	89 06
64	7.00	0.050	0.19	0.89	32	895	56	9 824	997.6	1974	86 12
64	42.80	0.030	0.25	0.90	32	889	50	10 132	1 033.4	1984	84 07 - ABAND 90 03
64	52.00	0.010	0.43	0.87	42	880	60	9 963	1 016.0	1985	86 05 - ABAND 90 03
64	1.30	0.150	0.29	0.90	30	839	57	17 720	1 893.9	1985	89 12 - SUSP 87 03
64	2.73	0.126	0.27	0.86	69	828	65	20 341	2 038.6	1987	87 09
64	3.90	0.127	0.56	0.86	50	840	61	21 007	2 118.2	1987	89 12 - SUSP 87 03
64	3.80	0.113	0.41	0.86	42	831	63	19 939	1 999.4	1986	87 09
184	1.96	0.170	0.38	0.85	30	824	64	20 566	2 048.3	1987	90 04
64	1.80	0.130	0.38	0.89	45	849	56	19 184	1 975.3	1988	88 12 - SUSP 89 07
97	12.44	0.068	0.18	0.59	205	825	90	27 790	2 660.9	1954	76 12 - GPP
9 984	1.65	0.100	0.10	0.76	109	825	54	25 326	2 244.7	1961	85 09
640	2.22	0.103	0.10	0.76	110	834	52	21 255	2 204.7	1965	85 09 - GPP
64	2.00	0.100	0.45	0.81	119	834	68	20 365	2 103.8	1983	84 11
128	4.00	0.100	0.10	0.76	110	834	52	25 300	2 204.7	1983	85 09
64	1.32	0.062	0.10	0.76	110	834	52	20 287	2 204.7	1985	85 09
64	3.30	0.110	0.15	0.76	110	848	58	21 537	2 349.7	1981	82 03
64	3.10	0.110	0.10	0.72	125	824	68	18 678	2 221.6	1980	87 04

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
LOCHEND 027-03W5 (CONTINUED)								
CARDIUM I	58.6	0.15		8.8		8.8	5.5	3.3
CARDIUM J	122.0	0.10		12.2		12.2	2.1	10.1
CARDIUM K	219.0	0.05		11.0		11.0	1.1	9.9
CARDIUM L	78.8	0.10		7.9		7.9	3.3	4.6
CARDIUM M	96.3	0.10		9.6		9.6	5.9	3.7
VIKING A	461.0	<0.01		2.0		2.0	2.0	
LOMOND 018-23W4								
GLAUCONITIC A	116.0	0.10		11.6		11.6	0.8	10.8
ELLERSLIE A	67.1	<0.02		0.8		0.8	0.8	
ELLERSLIE B	101.0	<0.01		0.4		0.4	0.4	
ELLERSLIE C	82.5	<0.01		0.1		0.1	0.1	
SAWTOOTH A	154.0	<0.03		4.3		4.3	4.3	
LONE PINE CREEK 031-28W4								
ELLERSLIE A	149.0	0.10		14.9		14.9	1.3	13.6
D-2 A	500.0	0.20		100.0		100.0	63.7	36.3
D-3 A	2 350.0	<0.02		29.2		29.2	29.2	
LONG COULEE 016-21W4								
GLAUCONITIC A	182.0	0.05		9.1		9.1	5.1	4.0
GLAUCONITIC B	236.0	0.02		4.7		4.7	2.7	2.0
GLAUCONITIC E	61.3	<0.02		0.7		0.7	0.7	
GLAUCONITIC F	877.0	0.10		87.7		87.7	24.5	63.2
GLAUCONITIC G	118.0	0.10		11.8		11.8	6.6	5.2
GLAUCONITIC H	807.0	0.10		80.7		80.7	35.0	45.7
GLAUCONITIC J	219.0	0.15		32.9		32.9	18.0	14.9
GLAUCONITIC N	106.0	<0.02		1.1		1.1	1.1	
GLAUCONITIC Q	97.7	0.10		9.8		9.8	2.3	7.5
GLAUCONITIC R	543.0	0.10		54.3		54.3	22.1	32.2
GLAUCONITIC T	275.0	0.30		82.5		82.5	25.4	57.1
GLAUCONITIC U	190.0	0.10		19.0		19.0	4.1	14.9
GLAUCONITIC V	101.0	0.05		5.0		5.0	0.1	4.9
GLAUCONITIC X	89.0	<0.01		0.4		0.4	0.4	
GLAUCONITIC CC	122.0	0.20		24.4		24.4	16.5	7.9
GLAUCONITIC DD	125.0	0.10		12.5		12.5	3.5	9.0
SUNBURST C	265.0	<0.01		1.3		1.3	1.3	
SUNBURST E	161.0	<0.01		1.1		1.1	1.1	
SUNBURST F	301.0	0.10		30.1		30.1	2.1	28.0
SUNBURST H	106.0	0.10		10.6		10.6	2.4	8.2
SUNBURST I	750.0	0.15		113.0		113.0	19.7	93.3
SUNBURST J	285.0	0.10		28.5		28.5	0.8	27.7
ELLERSLIE A	194.0	0.10		19.4		19.4	3.5	15.9
LOON 085-09W5								
SLAVE POINT A TOTAL	5 820.0			175.0	111.0	286.0	197.1	88.9
PRIMARY AREA	3 027.0	0.03		90.9		90.9		
WATER FLOOD AREA	2 793.0	0.03	0.04	84.1	111.0	195.0		
SLAVE POINT C	926.0	0.10		92.6		92.6	20.2	72.4
SLAVE POINT D	78.8	0.05		3.9		3.9	2.3	1.6
SLAVE POINT E	508.0	0.02		10.2		10.2	4.0	6.2
SLAVE POINT G	7 272.0	0.10		727.0		727.0	152.2	574.8
SLAVE POINT I	355.0	0.05		17.8		17.8	0.3	17.5
GRANITE WASH A	630.0	0.20		126.0		126.0	106.5	19.5
GRANITE WASH B	1 400.0	0.20		280.0		280.0	99.1	180.9
GRANITE WASH C	170.0	0.20		34.0		34.0	22.5	11.5
GRANITE WASH D	194.0	<0.03		4.1		4.1	4.1	
GRANITE WASH E	1 864.0	0.25		466.0		466.0	128.8	337.2
GRANITE WASH H	149.0	0.20		29.8		29.8	1.7	28.1
GRANITE WASH I	162.0	<0.01		1.3		1.3	1.3	
GRANITE WASH J	758.0	0.25		190.0		190.0	76.8	113.2
GRANITE WASH K	341.0	0.20		68.2		68.2	18.2	50.0
GRANITE WASH L	188.0	0.15		28.2		28.2	3.9	24.3
GRANITE WASH M	392.0	0.10		39.2		39.2	2.6	36.6
GRANITE WASH N	91.6	0.15		13.7		13.7		13.7
LOUSANA 036-21W4								
D-2	413.0	0.33		137.0		137.0	125.7	11.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
64	1.30	0.109	0.15	0.76	115	824	57	18 267	2 223.5	1982	89 12
64	3.90	0.080	0.15	0.72	135	824	56	24 978	2 287.7	1983	83 06 - SUSP 89 05
64	5.60	0.090	0.15	0.80	94	827	58	20 466	2 171.0	1986	87 09
64	1.80	0.100	0.10	0.76	109	825	54	25 465	2 197.9	1985	88 0[illegible]
64	2.20	0.100	0.10	0.76	105	820	56	27 442	2 274.7	1986	86 06
64	12.00	0.110	0.22	0.70	140	831	70	24 298	2 517.1	1981	89 12 - SUSP 87 06
64	1.80	0.180	0.30	0.80	94	857	46	9 810	1 641.0	1985	86 07
64	1.80	0.130	0.44	0.80	95	874	44	14 525	1 599.3	1981	82 09 - SUSP 84 12
64	2.75	0.120	0.40	0.80	81	868	44	14 365	1 631.2	1985	85 12 - ABAND 87 08
64	2.20	0.120	0.39	0.80	81	868	44	14 865	1 696.3	1985	85 11 - ABAND 89 03
64	4.00	0.150	0.50	0.80	85	868	50	13 694	1 691.5	1984	85 03 - ABAND 88 06
64	4.20	0.100	0.35	0.85	66	886	43	14 212	2 127.2	1958	90 10
497	2.92	0.070	0.22	0.63	155	825	71	22 213	2 373.5	1965	89 04 - GPP
1 616	3.96	0.080	0.15	0.54	237	806	82	22 820	2 441.8	1963	82 12 - GPP
64	3.00	0.180	0.38	0.85	60	900	39	12 647	1 415.2	1982	86 12
64	3.00	0.190	0.19	0.80	96	846	38	11 472	1 404.0	1982	86 12
64	1.10	0.160	0.32	0.80	94	834	46	10 554	1 504.4	1983	84 06 - ABAND 87 07
320	2.38	0.180	0.20	0.80	94	834	46	10 950	1 500.8	1967	90 06 - GPP
64	2.30	0.150	0.33	0.80	94	854	46	10 332	1 470.2	1982	84 12
320	2.92	0.150	0.28	0.80	94	838	46	12 140	1 454.6	1981	86 04
96	2.36	0.170	0.29	0.80	94	858	46	13 203	1 533.3	1986	90 12
64	2.44	0.150	0.50	0.90	39	829	38	13 410	1 412.4	1976	83 12 - SUSP 81 08
64	1.62	0.172	0.34	0.83	80	848	43	10 753	1 512.2	1983	84 09
256	1.88	0.170	0.21	0.84	66	865	41	11 218	1 482.2	1980	88 11
29	6.56	0.210	0.14	0.80	92	872	38	12 286	1 285.5	1987	90 07 - GPP
64	3.40	0.180	0.40	0.81	90	853	41	13 418	1 651.8	1981	81 08
64	2.30	0.150	0.43	0.80	93	834	46	11 825	1 242.0	1989	89 10
64	1.40	0.170	0.27	0.80		872	38		1 285.1	1986	90 07
64	2.00	0.170	0.30	0.80	94	858	46		1 505.7	1983	90 12
96	1.97	0.140	0.41	0.80	94	858	46	13 762	1 540.5	1976	90 12
65	4.27	0.200	0.40	0.80	83	860	43	13 510	1 451.5	1974	89 12 - SUSP 87 03
64	4.50	0.140	0.50	0.80	95	860	43	13 500	1 484.3	1982	82 07 - ABAND 84 07
64	7.00	0.200	0.60	0.84	68	844	38	13 730	1 517.1	1979	84 05
64	1.52	0.200	0.35	0.84	67	860	45	12 580	1 342.8	1976	77 12 - SUSP 89 12
536	2.10	0.170	0.51	0.80	94	834	46	13 023	1 419.2	1989	90 12
64	3.20	0.260	0.33	0.80	95	914	35	12 591	1 292.7	1985	86 04
64	4.00	0.120	0.30	0.90	168	750	43	13 742	1 442.7	1979	80 04
1 920					24	820	48	15 130	1 415.2	1965	88 01
768	10.72	0.065	0.35	0.87							
1 152	7.55	0.053	0.30	0.87							- GPP
256	9.42	0.064	0.31	0.87	44	820	45	4 700	1 369.6	1984	88 09
64	4.50	0.050	0.37	0.87	45	820	44	13 883	1 372.7	1980	85 03
64	11.40	0.090	0.15	0.91	29	827	44	14 171	1 381.4	1983	87 12
1 813	9.83	0.070	0.33	0.87	44	830	44	14 602	1 320.7	1985	89 06
64	18.30	0.060	0.42	0.87	18	825	38	15 072	1 399.0	1987	90 06
652	1.25	0.127	0.30	0.87	51	820	77	16 510	1 526.4	1965	87 10 - GPP
436	3.87	0.160	0.39	0.85	55	828	45	15 905	1 482.9	1982	88 09
128	1.98	0.116	0.32	0.85	51	845	49	16 208	1 571.9	1985	88 12
64	3.40	0.150	0.30	0.85	64	830	42	16 933	1 469.5	1982	86 03 - ABAND 90 03
640	3.38	0.157	0.37	0.87	48	835	36	15 314	1 425.0	1985	87 12
64	3.00	0.150	0.40	0.86	51	821	49	16 152	1 538.5	1985	85 10 - SUSP 88 08
64	3.00	0.160	0.38	0.85	55	829	48	16 440	1 490.3	1983	87 07 - ABAND 90 03
256	3.35	0.154	0.34	0.87	51	825	49	16 560	1 488.5	1966	87 09
64	5.20	0.180	0.33	0.85	55	830	48	15 462	1 472.2	1987	88 05
64	3.00	0.170	0.33	0.86	51	821	49	13 868	1 511.0	1988	88 07
64	5.30	0.190	0.30	0.87	39	837	41	15 169	1 483.6	1989	90 02
64	3.20	0.130	0.60	0.86	51	821	49	16 182	1 504.3	1984	90 04
203	4.08	0.069	0.14	0.84	55	839	70	14 580	1 787.7	1960	63 10 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
LUBICON 087-10W5								
GRANITE WASH B	420.0	0.25		105.0		105.0	52.4	52.6
GRANITE WASH C	320.0	0.20		64.0		64.0	46.8	17.2
GRANITE WASH D	236.0	0.05		11.8		11.8	4.1	7.7
MALMO 043-22W4								
BLAIRMORE A	1 270.0	0.18		229.0		229.0	188.1	40.9
ELLERSLIE C	142.0	0.15		21.3		21.3	2.7	18.6
ELLERSLIE D	55.3	<0.01		0.1		0.1	0.1	
D-2 A	2 570.0	0.45		1 160.0		1 160.0	1 138.4	21.6
D-3 A	1 600.0	0.50		800.0		800.0	778.4	21.6
D-3 C	70.7	<0.02		0.8		0.8	0.8	
D-3 D	480.0	<0.01		1.0		1.0	1.0	
MANIR 072-03W6								
CHARLIE LAKE A	4 065.0	0.15		610.0		610.0	139.7	470.3
CHARLIE LAKE E	271.0	0.15		40.7		40.7		40.7
CHARLIE LAKE F	135.0	<0.01		0.1		0.1	0.1	
CHARLIE LAKE G	173.0	0.10		17.3		17.3	3.1	14.2
CHARLIE LAKE H	159.0	0.15		23.9		23.9	7.3	16.6
MANITO 042-20W4								
GLAUCONITIC A	167.0	<0.01		1.5		1.5	1.5	
ELLERSLIE A,B,C & D	653.0	<0.01		0.4		0.4	0.4	
MANOLA 059-02W5								
LOWER MANNVILLE E	1 639.0	0.10		164.0		164.0	29.9	134.1
LOWER MANNVILLE F	410.0	0.10		41.0		41.0	4.4	36.6
LOWER MANNVILLE H	346.0	0.05		17.3		17.3	2.2	15.1
MANYBERRIES 005-05W4								
GLAUCONITIC A	38.7	0.10		3.9		3.9	0.2	3.7
SUNBURST A	500.0	0.18		90.0		90.0	82.5	7.5
SUNBURST B	2 114.0	0.18		381.0		381.0	267.1	113.9
SUNBURST C	685.0	0.25		171.0		171.0	160.0	11.0
SUNBURST J	281.0	0.10		28.1		28.1	22.8	5.3
SUNBURST L	147.0	<0.02		2.4		2.4	2.4	
SUNBURST O	2 400.0	0.12		288.0		288.0	170.4	117.6
SUNBURST Q	3 630.0	0.20		726.0		726.0	432.6	293.4
SUNBURST U	419.0	0.10		41.9		41.9	32.5	9.4
SUNBURST AA	288.0	0.10		28.8		28.8	5.4	23.4
SUNBURST CC	90.5	0.10		9.1		9.1	0.6	8.5
SUNBURST FF	130.0	0.10		13.0		13.0	1.0	12.0
SUNBURST HH	450.0	0.05		23.0		23.0	4.2	18.8
SUNBURST II	149.0	0.10		14.9		14.9	10.6	4.3
SUNBURST JJ TOTAL	2 200.0			330.0	186.0	516.0	312.4	203.6
PRIMARY AREA	1 040.0	0.15		156.0		156.0		
WATER FLOOD AREA	1 160.0	0.15	0.17	174.0	186.0	360.0		
SUNBURST KK	1 906.0	0.12		229.0		229.0	155.3	73.7
SUNBURST LL	547.0	0.25		137.0		137.0	70.2	66.8
SUNBURST OO	1 700.0	0.15		255.0		255.0	153.5	101.5
SUNBURST RR	97.9	0.10		9.8		9.8	6.1	3.7
SUNBURST SS	98.1	0.10		9.8		9.8	7.7	2.1
SUNBURST UU	211.0	0.10		21.1		21.1	0.4	20.7
SUNBURST VV	794.0	0.20		159.0		159.0	34.2	124.8
SUNBURST WW	150.0	0.10		15.0		15.0	3.0	12.0
SUNBURST YY	114.0	0.10		11.4		11.4	0.1	11.3
SUNBURST ZZ	430.0	0.05		21.5		21.5	1.6	19.9
SUNBURST AAA	66.9	0.15		10.0		10.0	1.6	8.4
SWIFT B	666.0	0.15		99.9		99.9	29.7	70.2
MARKERVILLE 036-02W5								
VIKING A	100.0	0.20		20.0		20.0	17.9	2.1
VIKING B	105.0	<0.01		0.3		0.3	0.3	
VIKING C	83.9	0.10		8.4		8.4	0.1	8.3
PEKISKO B	320.0	<0.01		0.4		0.4	0.4	
MARLBORO 055-19W5								
GETHING A	273.0	<0.01		1.2		1.2	1.2	
GETHING B	165.0	<0.01		0.3		0.3	0.3	
MARLOWE 122-22W5								
KEG RIVER A	698.0	0.20		140.0		140.0	16.9	123.1

9 AREA (ha)	10 AVERAGE PAY THICKNESS (m)	11 POROSITY (frac)	12 WATER SATN (frac)	13 SHRINKAGE (frac)	14 INITIAL SOLUTION GOR (m^3/m^3)	15 DENSITY (kg/m^3)	16 TEMP (°C)	17 INITIAL PRESSURE (kPa)	18 MEAN FORMATION DEPTH (m)	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
73	4.22	0.220	0.27	0.85	60	834	34	15 477	1 451.0	1968	86 12
60	3.39	0.233	0.21	0.85	60	834	44	15 899	1 440.2	1962	86 12
64	3.00	0.213	0.33	0.86	57	846	37	15 880	1 483.5	1986	89 12
203	4.08	0.252	0.24	0.80	78	825	56	10 170	1 436.5	1952	90 12
64	2.00	0.240	0.45	0.84	69	843	55	9 146	1 401.0	1983	87 12 - GPP
64	1.20	0.170	0.45	0.77	95	882	66	9 095	1 389.3	1989	90 01 - ABAND 89 [illegible]
573	15.30	0.047	0.20	0.78	95	834	57	11 510	1 544.1	1952	86 12 - GPP
220	15.54	0.070	0.12	0.76	111	834	58	14 860	1 609.6	1952	83 12 - GPP
65	2.44	0.067	0.12	0.76	111	829	56	14 860	1 630.4	1965	73 02 - SUSP 69 08
64	16.90	0.074	0.25	0.80	70	886	50	12 493	1 640.9	1979	84 12 - SUSP 84 07
2 100	2.75	0.147	0.43	0.84	56	873	50	15 459	1 690.3	1986	88 07
64	7.33	0.093	0.26	0.84	60	836	47	15 321	1 695.1	1987	88 06 - SUSP 90 04
64	3.73	0.110	0.39	0.84	60	825	67	15 961	1 804.2	1987	88 06 - SUSP 88 07
64	2.20	0.190	0.17	0.78	80	839	63	16 019	1 834.9	1984	85 08
64	1.84	0.194	0.13	0.80	76	850	50	15 558	1 818.5	1985	85 09 - GPP
64	2.80	0.160	0.30	0.83	70	850	41	9 039	1 265.6	1980	81 02 - SUSP 82 07
64	9.20	0.190	0.27	0.80	47	856	42	9 390	1 297.2	1980	83 07 - SUSP 83 12
781	2.63	0.170	0.46	0.87	54	891	37	8 274	1 077.1	1984	88 08
192	2.69	0.180	0.49	0.87	55	891	37	8 322	1 083.6	1985	85 12
64	5.00	0.180	0.31	0.87	54	911	34	8 384	1 066.5	1986	89 12
64	1.00	0.090	0.27	0.92	32	824	33	8 984	1 157.5	1987	89 06
192	1.93	0.210	0.30	0.92	66	834	36	9 000	1 122.4	1962	86 07
626	2.68	0.200	0.30	0.90	71	829	61	9 070	1 227.1	1955	90 09
420	1.19	0.250	0.37	0.87	66	839	34	8 990	1 119.2	1967	86 12 - GPP
183	1.12	0.230	0.30	0.85	51	883	37	8 960	1 158.2	1963	84 03
65	1.52	0.270	0.35	0.85	53	855	37	8 950	1 270.4	1972	75 12 - SUSP 75 10
324	6.55	0.200	0.35	0.87	71	839	35	8 960	1 080.5	1971	86 07
780	4.95	0.180	0.40	0.87	57	838	32	99 217	1 079.5	1978	90 04
64	4.00	0.250	0.23	0.85	66	830	36	9 017	1 027.0	1980	81 02
64	6.50	0.140	0.45	0.90	32	824	40	9 625	1 216.5	1984	84 11 - GPP
32	2.10	0.220	0.28	0.85	32	824	33	8 729	1 145.0	1971	84 11 - SUSP 88 01
32	4.69	0.140	0.27	0.85	60	838	33	8 326	1 091.0	1984	89 08 - GPP
128	3.62	0.180	0.38	0.87	50	837	34	9 046	1 076.0	1984	86 11
64	2.00	0.195	0.38	0.96	14	837	35	9 087	1 064.1	1984	85 11
530					28	834	40	9 156	1 115.5	1970	89 10
330	2.64	0.200	0.35	0.92							
200	4.85	0.200	0.35	0.92							
793	2.58	0.170	0.37	0.87	57	839	32	9 046	1 067.7	1970	89 04
257	1.32	0.260	0.32	0.91	66	839	34	9 347	1 169.0	1984	86 12
388	4.66	0.180	0.40	0.87	57	838	32	9 190	1 054.8	1977	87 08
32	3.00	0.200	0.40	0.85	26	844	37	9 084	1 224.4	1987	88 03
32	2.60	0.220	0.41	0.91	28	825	40	9 147	1 184.8	1955	88 04
64	3.30	0.200	0.45	0.91	32	830	40	7 574	1 152.7	1985	85 06 - SUSP 88 10
223	3.30	0.170	0.31	0.92	32	824	33	7 951	1 165.5	1988	90 12
64	3.00	0.130	0.34	0.91	28	825	40	7 550	1 111.5	1988	89 01
32	4.30	0.180	0.50	0.92	32	824	33	7 615	1 166.2	1988	89 02
64	4.80	0.240	0.33	0.87	57	838	32	7 291	1 046.4	1988	89 06
64	1.40	0.130	0.34	0.87	66	841	35	8 956	1 043.3	1988	89 10
64	7.80	0.216	0.29	0.87	57	838	32	8 495	1 059.6	1986	87 09
167	1.84	0.070	0.38	0.75	102	833	66	12 810	1 902.6	1976	85 04 - SUSP 89 08
64	3.10	0.120	0.41	0.75	95	852	63	9 620	1 905.3	1977	83 12 - ABAND 82 10
64	2.00	0.120	0.35	0.84	51	840	71	12 827	1 920.3	1985	86 07
64	19.80	0.050	0.36	0.79	79	879	74	14 701	2 217.3	1980	81 08 - ABAND 83 04
65	7.32	0.120	0.20	0.60	239	825	97	35 120	2 802.0	1969	74 05 - ABAND 70 09
65	4.27	0.120	0.17	0.60	239	820	68	34 870	2 765.5	1969	73 02 - SUSP 71 06
64	80.50	0.019	0.19	0.88	43	825	52	10 649	1 342.8	1986	89 06

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
MATZIWIN 023-14W4								
GLAUCONITIC A	1 800.0	0.03		54.0		54.0	36.3	17.7
GLAUCONITIC B	187.0	0.10		18.7		18.7	3.8	14.9
LOWER MANNVILLE D	112.0	0.10		11.2		11.2	4.2	7.0
LOWER MANNVILLE E	498.0	0.10		49.8		49.8	7.8	42.0
LOWER MANNVILLE F	200.0	0.10		20.0		20.0	3.3	16.7
PEKISKO C	87.7	0.10		8.8		8.8	5.4	3.4
PEKISKO D	406.0	0.10		40.6		40.6	17.3	23.3
MCLEANS CREEK 074-21W5								
GILWOOD A	985.0	0.20		197.0		197.0	29.2	167.8
GILWOOD C	263.0	0.15		39.4		39.4	1.2	38.2
GILWOOD D	86.3	0.20		17.3		17.3	4.7	12.6
GILWOOD E	66.8	0.10		6.7		6.7	0.2	6.5
GILWOOD F	291.0	0.20		58.2		58.2	19.3	38.9
GILWOOD G	112.0	0.25		28.0		28.0	2.0	26.0
GILWOOD H	188.0	0.30		56.4		56.4	6.2	50.2
GRANITE WASH A	182.0	0.25		45.5		45.5	5.3	40.2
MCLEOD 056-14W5								
CARDIUM A	213.0	0.15		32.0		32.0	24.0	8.0
GETHING E	119.0	0.10		11.9		11.9	0.7	11.2
GETHING F	293.0	0.10		29.3		29.3	3.2	26.1
GETHING G	183.0	0.10		18.3		18.3	1.4	16.9
GETHING J	83.9	0.10		8.4		8.4	5.4	3.0
GETHING K	112.0	0.10		11.2		11.2	1.4	9.8
GETHING L	100.0	0.10		10.0		10.0	6.7	3.3
GETHING P & Q	225.0	0.07		15.8		15.8		15.8
MEDICINE RIVER 039-03W5								
CARDIUM A	82.6	0.02		1.7		1.7	0.5	1.2
CARDIUM B	154.0	0.08		12.3		12.3	3.2	9.1
VIKING A	63.6	<0.06		3.5		3.5	3.5	
VIKING D TOTAL	3 400.0			680.0	465.0	1 145.0	579.9	565.1
PRIMARY AREA	299.0	0.20		59.8		59.8		
WATER FLOOD AREA	3 101.0	0.20	0.15	620.0	465.0	1 085.0		
VIKING M	334.0	0.15		50.1		50.1	34.6	15.5
VIKING N	62.7	<0.03		1.6		1.6	1.6	
VIKING P	56.7	0.10		5.7		5.7	1.6	4.1
GLAUCONITIC A TOTAL	15 550.0			1 291.0	1 158.0	2 450.0	1 961.4	488.6
PRIMARY AREA	5 782.0	0.07		405.0		405.0		
WATER FLOOD AREA	9 770.0	<0.11	0.11	886.6	1 158.0	2 045.0		
GLAUCONITIC H	228.0	<0.01		0.5		0.5	0.5	
GLAUCONITIC I	140.0	0.05		7.0		7.0	0.3	6.7
GLAUC D & OSTRACOD A TOTAL	2 181.0			327.0	321.0	648.0	436.8	211.2
PRIMARY AREA	575.0	0.15		86.3		86.3		
WATER FLOOD AREA	1 606.0	0.15	0.20	241.0	321.0	562.0		
OSTRACOD B	461.0	0.20		92.2		92.2	69.2	23.0
OSTRACOD C	585.0	0.17		99.5		99.5	89.6	9.9
OSTRACOD P	470.0	<0.01		0.5		0.5	0.5	
OSTRACOD R	63.6	<0.03		1.4		1.4	1.4	
OSTRACOD S	111.0	0.12		13.3		13.3	12.0	1.3
OSTRACOD W	364.0	0.20		72.8		72.8	56.9	15.9
OSTRACOD Y	53.7	<0.02		0.8		0.8	0.8	
BASAL QUARTZ B TOTAL	5 800.0			406.0	145.0	551.0	388.0	163.0
PRIMARY AREA	2 900.0	0.07		203.0		203.0		
WATER FLOOD AREA	2 900.0	0.07	0.05	203.0	145.0	348.0		
BASAL QUARTZ C	65.5	<0.01		0.5		0.5	0.5	
BASAL QUARTZ D	393.0	<0.05		18.7		18.7	18.7	
BASAL QUARTZ F	138.0	<0.01		0.6		0.6	0.6	
BASAL QUARTZ G WATER FLOOD	566.0	<0.04	0.04	21.6	22.6	44.2	44.2	
BASAL QUARTZ H	159.0	0.10		15.9		15.9	15.3	0.6
BASAL QUARTZ I	262.0	0.13		34.0		34.0	31.8	2.2
BASAL QUARTZ J	556.0	0.08		44.5		44.5	30.5	14.0
BASAL QUARTZ K	313.0	0.20		62.6		62.6	26.3	36.3
BASAL QUARTZ Y	199.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ BB	134.0	0.10		13.4		13.4	10.3	3.1
BASAL QUARTZ HH	201.0	0.05		10.1		10.1	1.2	8.9
BASAL QUARTZ II	64.3	0.10		6.4		6.4		6.4

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
445	4.55	0.190	0.45	0.85	68	883	32	9 727	998.1	1983	86 12 - GPP
64	4.30	0.160	0.50	0.85	64	880	32	9 625	1 004.5	1985	85 11 - GPP
64	1.70	0.190	0.36	0.85	62	887	32	9 319	1 013.2	1983	84 02 - SUSP 89 01
128	4.46	0.180	0.43	0.85	60	850	35	9 731	1 012.5	1986	86 11
32	6.10	0.180	0.38	0.92	33	919	34	9 467	1 019.6	1987	88 11
64	5.00	0.050	0.34	0.83	67	847	43	10 300	1 015.5	1986	86 11
309	4.69	0.050	0.37	0.89	47	894	34	9 825	1 021.5	1983	90 09
256	4.58	0.160	0.41	0.89	32	838	58	26 990	2 528.9	1985	88 04
64	5.71	0.147	0.41	0.83	50	837	85	26 697	2 528.0	1987	87 10 - SUSP 90 05
64	2.54	0.122	0.50	0.87	36	854	86	25 771	2 587.4	1986	87 12
64	2.19	0.099	0.42	0.83	50	834	89	27 626	2 575.3	1987	88 03 - SUSP 90 05
244	1.80	0.120	0.38	0.89	36	834	86	28 368	2 587.2	1987	89 08
64	3.08	0.110	0.42	0.89	36	835	86	25 972	2 625.9	1988	88 09
64	3.23	0.140	0.27	0.89	23	827	90	27 047	2 578.3	1988	89 06
64	3.50	0.140	0.30	0.83	50	837	85	27 838	2 558.2	1987	87 09 - SUSP 90 05
72	5.02	0.100	0.30	0.84	62	834	53	9 060	1 497.2	1972	84 12 - GPP
64	2.90	0.120	0.37	0.85	52	883	72	13 662	2 023.2	1985	87 03
64	4.40	0.165	0.16	0.75	102	856	74	17 227	2 117.1	1986	87 04 - GPP
64	2.80	0.160	0.15	0.75	120	856	67	15 896	2 164.7	1986	87 07 - GPP
64	3.90	0.120	0.60	0.70	150	825	70	16 930	2 058.1	1983	84 06
64	3.20	0.123	0.39	0.73	102	856	76	16 523	2 124.0	1986	86 12
64	5.00	0.080	0.44	0.70	156	825	82	21 895	2 221.9	1988	89 04
64	5.74	0.125	0.30	0.70	156	825	82	17 298	2 209.4	1988	89 11
64	1.52	0.124	0.10	0.75	106	898	49	19 240	1 658.4	1963	84 12
65	2.44	0.160	0.09	0.67	167	898	62	20 990	1 848.0	1965	85 07
130	1.07	0.100	0.32	0.67	160	844	91	20 000	1 931.8	1963	71 05 - SUSP 68 06
3 405					130	813	52	14 639	1 864.0	1961	90 12
269	1.75	0.116	0.27	0.75							
3 136	1.57	0.116	0.27	0.75							
320	1.88	0.100	0.27	0.76	110	814	65	13 768	1 764.4	1984	86 09
64	2.00	0.100	0.30	0.70	130	813	52	14 857	1 888.3	1979	88 12 - SUSP 86 04
64	1.50	0.100	0.18	0.72	130	793	64	15 974	1 915.6	1988	89 11
5 292					244	839	64	26 270	2 268.9	1963	89 12
1 657	4.93	0.140	0.21	0.64							
3 635	4.18	0.130	0.25	0.66							
64	7.00	0.100	0.25	0.68	159	840	73	14 878	2 054.3	1979	86 12 - ABAND 84 06
64	2.70	0.150	0.18	0.66	243	839	72		2 187.1	1961	90 11
1 435					101	887	67	26 200	2 080.8	1961	88 10
355	1.83	0.160	0.20	0.69							
1 080	1.92	0.140	0.20	0.69							
360	1.83	0.130	0.22	0.69	148	849	68	19 370	2 182.5	1963	85 04
117	5.30	0.171	0.20	0.69	153	839	72	20 221	2 298.2	1964	89 12 - GPP
65	10.97	0.120	0.20	0.69	155	855	59	16 150	2 206.1	1972	74 06 - ABAND 73 09
65	1.52	0.120	0.25	0.72	133	870	68	17 440	2 283.3	1974	76 12 - ABAND 75 06
98	1.83	0.110	0.25	0.75	110	849	57	19 410	2 166.8	1974	88 12 - GPP
150	3.11	0.130	0.20	0.75	119	860	71	20 170	2 281.4	1965	85 12 - GPP
64	1.70	0.100	0.35	0.76	110	877	57	17 078	2 053.5	1983	84 05 - ABAND 89 12
1 499					88	892	70	16 270	2 147.9	1959	89 08
732	4.78	0.138	0.24	0.79							
767	4.58	0.134	0.22	0.79							- GPP
32	2.44	0.140	0.24	0.78	74	892	66	15 690	2 130.2	1962	65 01 - ABAND 63 08
129	2.99	0.167	0.24	0.80	74	892	68	15 510	2 099.5	1962	83 12 - ABAND 83 12
64	1.83	0.200	0.25	0.78	76	898	68	16 480	2 158.9	1963	64 12 - ABAND 66 10
65	11.22	0.130	0.25	0.80	74	910	66	21 455	2 140.0	1962	90 05
32	6.40	0.130	0.25	0.79	76	898	66	16 270	2 178.4	1963	63 10 - GPP
64	5.22	0.140	0.30	0.80	78	898	66	16 550	2 225.0	1962	81 12 - GPP
64	10.47	0.140	0.25	0.79	89	898	66	17 000	2 217.7	1962	87 12 - GPP
96	4.53	0.130	0.30	0.79	76	892	68	18 400	2 172.6	1962	89 12 - GPP
65	5.18	0.096	0.22	0.79	87	898	66	16 130	2 239.4	1974	75 11 - SUSP 75 09
64	3.50	0.100	0.20	0.75	112	866	74	20 305	2 363.0	1980	80 05
32	9.50	0.110	0.25	0.80	74	834	66	16 095	2 151.0	1989	90 05
64	1.83	0.140	0.47	0.74	97	863	74		2 224.7	1961	90 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
MEDICINE RIVER 039-03W5 (CONTINUED)								
JURASSIC A WATER FLOOD	5 150.0	0.16	0.22	823.0	1 134.0	1 957.0	1 823.7	133.3
JURASSIC B	1 160.0	0.15		177.0		177.0	163.9	13.1
JURASSIC C TOTAL	9 000.0			1 350.0	1 657.0	3 007.0	1 881.0	1 126.0
PRIMARY AREA	714.0	0.15		107.1		107.1		
WATER FLOOD AREA	8 286.0	0.15	0.20	1 243.0	1 657.0	2 900.0		
JURASSIC D TOTAL	8 614.0			1 466.0	1 570.0	3 036.0	1 860.4	1 175.6
PRIMARY AREA	974.0	0.17		166.0		166.0		
WATER FLOOD AREA	7 640.0	0.17	0.21	1 300.0	1 570.0	2 870.0		
JURASSIC E	281.0	0.15		42.2		42.2	39.6	2.6
JURASSIC K	721.0	0.15		108.0		108.0	93.5	14.5
JURASSIC L	128.0	0.03		3.8		3.8	3.4	0.4
JURASSIC N	62.1	<0.01		0.3		0.3	0.3	
JURASSIC O	128.0	0.15		19.2		19.2	14.4	4.8
ELKTON-SHUNDA A	318.0	<0.04		12.0		12.0	12.0	
ELKTON-SHUNDA C	520.0	0.15		78.0		78.0	49.6	28.4
ELKTON-SHUNDA D	165.0	<0.01		0.3		0.3	0.3	
SHUNDA A	221.0	<0.01		1.8		1.8	1.8	
PEKISKO B WATER FLOOD	869.0	0.15	0.05	130.0	43.5	174.0	132.3	41.7
PEKISKO C TOTAL	2 180.0			71.7	64.5	136.0	116.9	19.1
PRIMARY AREA	885.0	<0.01		7.2		7.2		
WATER FLOOD AREA	1 290.0	0.05	0.05	64.5	64.5	129.0		
PEKISKO D	91.2	0.07		6.4		6.4	6.4	
PEKISKO E TOTAL	3 520.0			352.0	453.0	805.0	542.5	262.5
PRIMARY AREA	501.0	0.10		50.1		50.1		
WATER FLOOD AREA	3 020.0	0.10	0.15	302.0	453.0	755.0		
PEKISKO G	184.0	<0.01		0.2		0.2	0.2	
PEKISKO H	238.0	<0.02		2.7		2.7	2.7	
PEKISKO I	6 360.0	0.21		1 330.0		1 330.0	1 043.0	287.0
PEKISKO K	180.0	0.12		21.6		21.6	18.5	3.1
PEKISKO N	5 000.0	0.15		750.0		750.0	311.4	438.6
PEKISKO R	1 320.0	0.15		197.0		197.0	134.2	62.8
PEKISKO S	449.0	0.10		44.9		44.9	18.9	26.0
PEKISKO U	710.0	0.05		35.5		35.5	14.0	21.5
PEKISKO V	170.0	0.10		17.0		17.0	4.8	12.2
BANFF A	14.2	<0.01		0.1		0.1	0.1	
NISKU A	1 000.0	0.40		400.0		400.0	77.3	322.7
D-3 A	1 260.0	0.30		378.0		378.0	115.0	263.0
D-3 B	502.0	0.30		151.0		151.0	12.9	138.1
D-3 C	152.0	0.30		45.6		45.6	11.3	34.3
D-3 D	1 446.0	0.30		434.0		434.0	57.6	376.4
COOKING LAKE A	67.0	0.15		10.1		10.1	0.2	9.9
MEEKWAP 066-15W5								
D-2 A TOTAL	12 050.0			2 410.0	2 731.0	5 141.0	4 386.8	754.2
PRIMARY AREA	674.0	0.20		134.0		134.0		
WATER FLOOD AREA	11 380.0	0.20	0.24	2 276.0	2 731.0	5 007.0		
D-2 B	175.0	0.30		52.5		52.5	29.6	22.9
D-2 C	96.3	<0.01		0.1		0.1	0.1	
D-2 D	334.0	0.10		33.4		33.4	24.8	8.6
D-2 E	178.0	0.10		17.8		17.8	3.4	14.4
D-2 F	432.0	0.07		30.2		30.2	20.6	9.6
MELLOWDALE 060-03W5								
LOWER MANNVILLE B	1 470.0	0.10		147.0		147.0	47.5	99.5
MICHICHI 031-17W4								
UPPER MANNVILLE A	126.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE A	499.0	0.10		49.9		49.9	23.7	26.2
LOWER MANNVILLE B	270.0	0.02		5.4		5.4	3.2	2.2
LOWER MANNVILLE I	806.0	0.10		80.6		80.6	12.5	68.1
LOWER MANNVILLE K	217.0	0.15		32.6		32.6	0.4	32.2
LOWER MANNVILLE M	126.0	0.10		12.6		12.6	0.1	12.5
LOWER MANNVILLE N	63.1	0.05		3.2		3.2	0.1	3.1
OSTRACOD B	220.0	<0.01		0.2		0.2	0.2	
DETRITAL B	164.0	0.10		16.4		16.4	0.1	16.3
DETRITAL C	320.0	<0.01		0.4		0.4	0.4	
BANFF A	1 163.0	0.10		116.0	ERSO	116.0	91.6	24.4
BANFF C	559.0	0.05		28.0		28.0	13.8	14.2
BANFF D	2 595.0	0.10		260.0		260.0	32.1	227.9

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
1 289	4.69	0.142	0.25	0.80	90	887	63	16 000	2 153.1	1956	88 12 - GPP
303	5.03	0.132	0.27	0.79	88	887	69	16 000	2 135.4	1961	86 12 - GPP
1 689					84	892	63	16 410	2 182.4	1961	86 08
270	3.73	0.132	0.32	0.79							
1 419	8.00	0.138	0.33	0.79							- GPP
798					83	887	68	16 200	2 141.2	1959	90 05
64	17.50	0.145	0.25	0.80							
734	13.28	0.145	0.25	0.77							- GPP
64	7.01	0.110	0.25	0.76	94	887	70	16 790	2 197.9	1962	83 12 - GPP
160	5.85	0.130	0.25	0.79	86	892	66	19 030	2 175.1	1974	88 12
64	3.00	0.110	0.17	0.73	130	803	99	15 472	2 148.8	1980	81 11 - GPP
64	2.40	0.070	0.25	0.77	105	888	69	15 697	2 146.7	1980	83 05 - ABAND 85 06
64	2.40	0.150	0.28	0.77	105	871	69	17 300	2 292.3	1985	87 01
64	7.21	0.100	0.18	0.84	75	915	71	17 000	2 248.2	1961	83 12 - SUSP 77 08
64	12.50	0.098	0.20	0.82	77	876	49	18 330	2 328.4	1974	90 05
64	6.06	0.083	0.39	0.84	74	913	71	18 300	2 313.3	1985	86 07 - ABAND 86 06
65	5.18	0.110	0.20	0.75	121	910	77	18 640	2 290.0	1972	74 12 - SUSP 74 10
196	5.61	0.119	0.16	0.79	62	898	70	16 340	2 161.9	1959	84 12 - GPP
362					62	898	69	16 200	2 156.2	1961	83 12 - GPP
128	15.79	0.072	0.22	0.78							
234	12.55	0.072	0.22	0.78							
32	4.88	0.087	0.15	0.79	62	898	68	16 070	2 152.2	1961	89 12 - SUSP 87 03
654					75	887	71	16 240	2 194.0	1963	86 05
64	11.40	0.110	0.22	0.80							
590	7.86	0.098	0.17	0.80							- GPP
64	7.62	0.060	0.29	0.88	44	972	70	14 580	2 155.5	1963	64 12 - ABAND 71 10
65	13.78	0.050	0.34	0.81	62	904	71	16 030	2 144.6	1964	68 03 - ABAND 70 09
928	10.45	0.100	0.18	0.80	88	898	71	16 890	2 207.7	1954	77 12 - GPP
65	7.89	0.053	0.18	0.81	62	898	71	16 240	2 188.5	1965	87 12 - GPP
1 002	8.00	0.100	0.22	0.80	74	844	82	16 320	2 139.3	1962	82 06
264	6.61	0.110	0.15	0.81	74	892	73	16 480	2 147.9	1973	78 06
64	8.60	0.120	0.16	0.81	76	896	69	16 236	2 199.2	1984	89 06 - GPP
64	21.43	0.090	0.29	0.81	74	892	73	14 367	2 157.6	1984	88 07
32	5.50	0.170	0.30	0.81	74	900	73	14 608	2 205.1	1987	88 04
64	1.10	0.030	0.20	0.84	62	839	67	24 749	2 338.9	1985	86 04 - SUSP 86 05
129	24.85	0.056	0.13	0.64	160	812	31	24 128	2 929.5	1985	86 11
128	17.78	0.079	0.09	0.77	128	817	88	20 074	3 106.7	1985	88 01
128	10.70	0.058	0.11	0.71	125	826	83	19 878	3 101.0	1985	88 03
64	5.70	0.060	0.10	0.77	115	834	85	17 514	2 904.3	1986	86 07
64	37.50	0.086	0.09	0.77	125	821	88	20 131	3 117.0	1986	87 03
64	3.70	0.054	0.35	0.80	100	830	79	16 777	2 847.7	1988	88 12
2 772					120	844	80	20 770	2 367.3	1966	88 08
420	6.50	0.047	0.29	0.74							
2 352	9.05	0.085	0.15	0.74							- GPP
64	11.24	0.038	0.20	0.80	71	860	83	19 944	2 325.3	1971	75 12
64	4.30	0.054	0.20	0.81	66	857	83	14 519	2 310.7	1980	83 12 - SUSP 82 11
64	9.26	0.087	0.20	0.81	71	844	83	15 018	2 312.2	1971	83 12 - GPP
64	7.10	0.069	0.30	0.81	82	857	80	21 423	2 333.6	1972	83 12
128	9.31	0.070	0.30	0.74	119	845	80	15 017	2 369.9	1982	86 12
461	3.06	0.200	0.40	0.87	45	892	35	8 252	1 112.6	1979	85 01 - GPP
64	2.00	0.180	0.40	0.91	39	866	32	9 501	1 288.0	1981	83 12 - SUSP 85 05
128	3.21	0.240	0.39	0.83	66	859	42	9 502	1 354.4	1982	84 02 - GPP
64	5.48	0.160	0.42	0.83	64	854	40	8 030	1 326.0	1981	86 09 - GPP
192	3.69	0.190	0.32	0.88	50	883	36	9 052	1 309.7	1985	86 11
64	3.30	0.180	0.33	0.85	62	860	36	9 810	1 283.2	1986	87 01 - GPP
64	5.00	0.110	0.57	0.83	69	864	50	8 525	1 306.1	1987	87 12 - SUSP 89 10
64	1.10	0.180	0.40	0.83	64	844	47	8 886	1 269.6	1987	88 03
64	3.00	0.230	0.40	0.83	64	832	44	9 915	1 344.0	1983	88 12 - SUSP 86 09
64	2.40	0.180	0.34	0.90	64	878	41	9 428	1 333.5	1987	88 01
64	6.00	0.170	0.41	0.83	64	845	47	8 399	1 280.3	1987	88 04 - ABAND 89 04
548	9.00	0.040	0.29	0.83	61	854	40	9 413	1 336.8	1985	90 08
192	12.44	0.040	0.32	0.86	55	880	45	9 382	1 359.3	1982	90 12
641	12.00	0.063	0.37	0.85	61	875	42	9 598	1 319.4	1985	87 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
MICHICHI 031-17W4 (CONTINUED)								
BANFF E	321.0	0.05		16.1		16.1	2.3	13.8
BANFF F	397.0	0.05		19.9		19.9	5.2	14.7
BANFF I	87.6	0.10		8.8		8.8	5.4	3.4
BANFF L	269.0	0.05		13.5		13.5	11.6	1.9
BANFF M	493.0	0.15		74.0		74.0	10.4	63.6
BANFF N	153.0	<0.01		0.1		0.1	0.1	
BANFF O	515.0	<0.01		0.3		0.3	0.3	
BANFF P	30.0	<0.01		0.1		0.1	0.1	
BANFF Q	146.0	<0.01		0.2		0.2	0.2	
BANFF R	255.0	0.05		12.8		12.8	0.2	12.6
BANFF T	247.0	0.10		24.7		24.7	2.2	22.5
BANFF W	17.8	0.15		2.7		2.7	0.2	2.5
BANFF X	136.0	<0.01		0.1		0.1	0.1	
MIKWAN 037-23W4								
VIKING C	65.9	0.10		6.6		6.6	1.4	5.2
VIKING D	17.3	<0.05		0.8		0.8	0.8	
VIKING H	72.6	0.15		10.9		10.9	4.3	6.6
UPPER MANNVILLE F	1 340.0	0.01		13.4		13.4	6.9	6.5
UPPER MANNVILLE G	193.0	0.10		19.3		19.3	5.1	14.2
UPPER MANNVILLE H	341.0	0.10		34.1		34.1	16.6	17.5
LOWER MANNVILLE H	63.5	0.10		6.4		6.4	4.0	2.4
LOWER MANNVILLE J	698.0	0.10		69.8		69.8	20.0	49.8
LOWER MANNVILLE W	50.2	<0.01		0.1		0.1	0.1	
D-2 A	450.0	0.30		135.0		135.0	110.9	24.1
D-2 B	450.0	0.35		158.0		158.0	118.4	39.6
D-2 C	290.0	0.10		29.0		29.0	13.9	15.1
D-2 D	262.0	0.20		52.4		52.4	22.7	29.7
D-2 E	155.0	0.20		31.0		31.0	2.3	28.7
D-2 F	149.0	0.20		29.8		29.8	12.0	17.8
D-2 G	30.1	<0.01		0.1		0.1	0.1	
D-3 A	339.0	<0.03		9.0		9.0	9.0	
D-3 B	645.0	0.20		129.0		129.0	63.4	65.6
D-3 C	166.0	<0.01		0.4		0.4	0.4	
MINEHEAD 048-18W5								
BELLY RIVER A	236.0	0.15		35.4		35.4	2.1	33.3
CARDIUM A	350.0	0.05		17.5		17.5	7.0	10.5
MINNEHIK-BUCK LAKE 045-05W5								
BELLY RIVER A	215.0	0.10		21.5		21.5	10.3	11.2
BELLY RIVER B	238.0	0.10		23.8		23.8	5.2	18.6
BELLY RIVER C	335.0	0.10		33.5		33.5	22.7	10.8
BELLY RIVER E	250.0	0.10		25.0		25.0	11.5	13.5
BELLY RIVER F	538.0	0.10		53.8		53.8	24.9	28.9
BELLY RIVER G	704.0	0.01		7.0		7.0	3.5	3.5
BELLY RIVER J	182.0	0.10		18.2		18.2	3.1	15.1
BELLY RIVER K	102.0	<0.01		0.1		0.1	0.1	
CARDIUM A	181.0	0.08		14.5		14.5	13.1	1.4
CARDIUM E	160.0	0.10		16.0		16.0	1.3	14.7
CARDIUM J	5 670.0	0.06		340.0		340.0	173.6	166.4
CARDIUM L	627.0	0.05		31.4		31.4	17.6	13.8
CARDIUM N	93.3	<0.01		0.3		0.3	0.3	
CARDIUM O	55.6	<0.01		0.1		0.1	0.1	
CARDIUM P	61.4	<0.01		0.1		0.1	0.1	
CARDIUM Q	212.0	0.03		6.4		6.4	0.5	5.9
VIKING A	265.0	<0.01		0.7		0.7	0.7	
VIKING C	347.0	0.20		69.4		69.4	19.1	50.3
VIKING D	124.0	0.10		12.4		12.4	0.7	11.7
VIKING E	42.2	0.20		8.4		8.4	4.0	4.4
VIKING F	42.6	0.20		8.5		8.5	3.7	4.8
VIKING H	292.0	0.25		73.0		73.0	34.9	38.1
VIKING I	64.9	0.15		9.7		9.7	7.7	2.0
VIKING J	60.0	0.20		12.0		12.0	5.5	6.5
VIKING K	60.0	0.25		15.0		15.0	7.2	7.8
OSTRACOD A	744.0	0.20		149.0		149.0	121.2	27.8
OSTRACOD B	66.7	0.15		10.0		10.0	6.1	3.9
OSTRACOD G	180.0	0.20		36.0		36.0	23.1	12.9
OSTRACOD H	78.9	0.15		11.8		11.8	5.7	6.1
OSTRACOD I	153.0	0.15		22.9		22.9	14.2	8.7

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVISED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	4.00	0.200	0.27	0.86	55	860	40	9 525	1 332.1	1986	89 12
128	11.70	0.060	0.52	0.92	28	880	42	9 422	1 306.2	1986	88 04
64	5.50	0.050	0.40	0.83	70	862	40	8 932	1 326.7	1984	87 12
64	19.50	0.040	0.35	0.83	64	860	47	8 983	1 350.7	1986	90 12
64	21.00	0.065	0.32	0.83	64	875	47	8 481	1 299.5	1987	87 05
64	9.70	0.048	0.38	0.83	64	875	47	9 706	1 367.2	1987	87 05 - ABAND 87 03
64	19.00	0.060	0.17	0.85	50	870	35	9 052	1 359.7	1987	87 10 - ABAND 89 04
64	2.30	0.030	0.20	0.85	50	870	35	8 889	1 367.4	1987	89 12 - SUSP 87 07
64	12.90	0.040	0.48	0.85	61	870	42	9 120	1 351.0	1986	88 12 - SUSP 86 09
64	15.00	0.040	0.22	0.85	61	849	42	8 991	1 327.4	1987	88 01
64	11.20	0.050	0.17	0.83	64	845	47	8 916	1 443.7	1988	88 06
64	1.60	0.030	0.30	0.83	64	845	47	8 202	1 307.4	1987	89 06
64	6.50	0.050	0.21	0.83	64	845	47		1 418.7	1987	90 09 - ABAND 89 05
64	2.00	0.090	0.35	0.88	44	839	53	6 683	1 380.0	1980	81 05 - GPP
64	0.92	0.070	0.50	0.84	69	839	42	6 722	1 448.3	1977	78 10 - ABAND 85 06
64	1.30	0.140	0.30	0.89	60	852	47	8 591	1 352.7	1986	89 12
128	7.34	0.180	0.11	0.89	40	892	50	8 428	1 648.4	1962	82 04
64	2.30	0.220	0.30	0.85	59	819	46	9 304	1 488.3	1980	81 07
128	2.63	0.170	0.33	0.89	40	901	43	9 183	1 473.3	1980	83 04 - GPP
64	1.00	0.170	0.27	0.80	110	797	44	8 856	1 539.0	1980	84 05 - GPP
128	5.50	0.150	0.26	0.90	35	873	47	6 484	1 534.0	1981	84 11 - GPP
64	1.50	0.140	0.55	0.83	62	875	48	9 372	1 574.8	1987	88 01 - ABAND 88 05
320	3.29	0.090	0.35	0.73	124	844	64	15 390	1 824.7	1970	88 09
128	6.29	0.097	0.22	0.74	100	833	64	14 018	1 788.7	1979	88 09
128	6.01	0.067	0.25	0.75	110	830	62	13 612	1 756.3	1978	85 12
64	7.30	0.090	0.17	0.75	105	822	47	13 281	1 757.7	1983	84 12
64	6.40	0.080	0.37	0.75	100	838	57	12 850	1 815.0	1985	85 10
128	3.30	0.055	0.22	0.82	70	860	54	13 406	1 811.3	1985	87 08
64	1.20	0.060	0.13	0.75	80	901	74	15 699	1 995.2	1984	88 12 - SUSP 85 12
224	2.99	0.090	0.25	0.75	106	865	63	15 600	1 848.0	1970	88 12 - ABAND 82 12
64	13.00	0.120	0.15	0.76	100	852	76	13 824	1 819.5	1979	80 01
64	3.60	0.120	0.25	0.80	100	877	61	13 341	1 894.5	1985	86 03 - ABAND 87 05
64	7.40	0.100	0.40	0.83	62	828	76	10 506	1 966.6	1986	87 02 - SUSP 89 05
64	6.70	0.160	0.15	0.60	210	816	74	24 951	2 562.8	1968	89 06 - GPP
65	3.66	0.160	0.32	0.83	74	825	46	9 560	1 191.8	1973	78 10
64	5.60	0.150	0.48	0.85	67	845	46	8 941	1 205.7	1980	81 07
64	6.44	0.140	0.30	0.83	74	845	46	8 717	1 255.6	1981	90 12
64	5.00	0.157	0.40	0.83	74	844	50	7 377	1 176.0	1981	82 08
64	9.00	0.150	0.25	0.83	65	848	52	9 208	1 233.8	1982	83 05
64	13.00	0.150	0.32	0.83	65	848	52	9 315	1 178.2	1983	86 12
64	4.00	0.130	0.34	0.83	65	848	52	10 200	1 212.8	1982	84 01 - GPP
64	3.93	0.140	0.65	0.83	65	848	52	10 842	1 289.9	1984	85 10 - ABAND 85 11
130	2.13	0.110	0.15	0.70	96	815	49	12 070	1 718.0	1960	78 11 - GPP
128	2.22	0.090	0.20	0.78	96	830	49	12 013	1 718.5	1978	89 08
3 314	2.16	0.115	0.15	0.81	125	830	56	16 595	1 559.5	1979	87 01 - GPP
506	1.30	0.140	0.18	0.83	65	805	58	14 911	1 673.3	1979	86 12 - GPP
64	1.58	0.134	0.15	0.81	74	830	66	10 631	1 626.9	1982	82 11 - SUSP 85 07
64	1.50	0.130	0.45	0.81	125	830	56	10 783	1 617.3	1984	85 10 - ABAND 85 11
64	1.50	0.100	0.20	0.80	125	830	56	10 808	1 515.9	1985	86 05 - SUSP 86 09
128	2.00	0.120	0.15	0.81	125	830	56	10 202	1 676.4	1978	89 12
65	4.88	0.160	0.30	0.75	105	838	88	14 690	1 805.3	1953	66 11 - SUSP 66 11
507	1.52	0.080	0.33	0.84	156	827	72	18 955	1 869.4	1982	90 04
64	4.00	0.090	0.36	0.84	54	827	72	6 956	1 771.3	1982	83 06
64	1.10	0.100	0.25	0.80	149	855	82	16 677	1 843.9	1983	88 12
128	1.00	0.070	0.30	0.68	149	821	83	16 791	1 882.7	1984	87 12
1 000	0.62	0.080	0.30	0.84	56	827	72	14 564	1 895.8	1984	89 12 - GPP
80	1.76	0.090	0.36	0.80	74	813	60	13 747	1 878.7	1985	87 12
117	1.20	0.090	0.30	0.68	149	825	82	14 062	1 935.5	1986	88 12
200	0.90	0.063	0.34	0.80	91	832	74	12 066	1 890.8	1988	90 12 - GPP
704	1.47	0.130	0.21	0.70	160	827	60	17 500	2 051.2	1980	87 04
121	1.50	0.070	0.25	0.70	132	817	72	18 296	2 058.6	1981	83 12
259	1.04	0.130	0.21	0.65	174	812	80	19 450	2 119.9	1985	88 12
64	1.50	0.145	0.19	0.70	174	820	80	18 500	2 074.6	1986	86 06
128	1.66	0.130	0.15	0.65	174	812	80		2 102.5	1987	88 07

TABLE 2-6

FIELD / POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
MINNEHIK-BUCK LAKE 045-05W5 (CONTINUED)								
OSTRACOD J	45.7	0.05		2.3		2.3		2.3
OSTRACOD E & F	136.0	0.10		13.6		13.6	1.8	11.8
JURASSIC B	82.8	0.05		4.1		4.1	0.8	3.3
BANFF A	198.0	<0.01		0.1		0.1	0.1	
D-2 A	277.0	<0.01		1.1		1.1	1.1	
MIRAGE 079-07W6								
DOE CREEK A	162.0	0.05		8.1		8.1	0.3	7.8
DOE CREEK B	119.0	<0.01		0.1		0.1		0.1
HALFWAY B	959.0	0.10		95.9		95.9	34.7	61.2
MITSUE 071-04W5								
GILWOOD A TOTAL	123 000.0			30 280.0	31 060.0	61 340.0	48 519.0	12 821.0
PRIMARY AREA	5 061.0	0.16		810.0		810.0		
SOLVENT FLOOD AREA	52 000.0	0.25	0.38	13 000.0	19 760.0	32 760.0		
WATER FLOOD AREA	65 890.0	0.25	0.18	16 470.0	11 300.0	27 770.0		
GILWOOD B	344.0	0.20		68.8		68.8	29.0	39.8
GILWOOD E	42.6	0.10		4.3		4.3	0.2	4.1
MONTGOMERY 011-28W4								
SECOND WHITE SPECKS A	1 500.0	0.20		300.0		300.0	208.0	92.0
SECOND WHITE SPECKS B	1 350.0	<0.01		6.2		6.2	6.2	
MORINVILLE 055-25W4								
UPPER MANNVILLE F	378.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE H	175.0	0.05		8.8		8.8	0.1	8.7
LOWER MANNVILLE A	199.0	<0.11		20.3		20.3	20.1	0.2
LOWER MANNVILLE F	120.0	0.05		6.0		6.0	3.9	2.1
LOWER MANNVILLE L	226.0	<0.03		6.7		6.7	6.7	
LOWER MANNVILLE O	49.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE U	219.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE Z	331.0	0.05		16.6		16.6	0.9	15.7
D-1 A	55.9	<0.13		7.2		7.2	7.2	
D-1 B	385.0	0.20		77.0		77.0	22.8	54.2
D-1 C	133.0	0.10		13.3		13.3	0.9	12.4
D-3 A	90.6	<0.32		28.6		28.6	28.6	
D-3 B	3 320.0	<0.55		1 820.0		1 820.0	1 623.9	196.1
D-3 C	1 088.0	0.10		109.0		109.0	71.2	37.8
D-3 D	57.1	0.30		17.1		17.1	6.1	11.0
D-3 E	980.0	0.35		343.0		343.0	121.3	221.7
D-3 F	212.0	<0.01		0.2		0.2		0.2
D-3 G	253.0	0.05		12.7		12.7	2.8	9.9
MORNINGSIDE 042-28W4								
BELLY RIVER A	349.0	0.03		10.5		10.5	1.9	8.6
VIKING A	103.0	0.10		10.3		10.3	2.2	8.1
OSTRACOD A	24.2	<0.04		0.9		0.9	0.9	
ELLERSLIE A	95.2	0.15		14.3		14.3	4.8	9.5
ELLERSLIE B	25.5	<0.01		0.1		0.1	0.1	
MULLIGAN 081-08W6								
CHARLIE LAKE A	253.0	0.10		25.3		25.3	13.3	12.0
CHARLIE LAKE B	219.0	0.15		32.9		32.9	1.9	31.0
NARROWS 075-12W5								
GILWOOD A	201.0	0.30		60.3		60.3	3.6	56.7
NELSON 043-26W4								
VIKING A	1 600.0	0.10		160.0		160.0	77.6	82.4
LOWER MANNVILLE A	133.0	0.10		13.3		13.3	0.6	12.7
NEVIS 039-22W4								
BLAIRMORE B	305.0	<0.01		0.3		0.3	0.3	
BLAIRMORE C	1 600.0	0.15		240.0		240.0	203.4	36.6
BLAIRMORE D	126.0	<0.02		2.4		2.4	2.4	
BLAIRMORE F	215.0	0.10		21.5		21.5	10.9	10.6
BLAIRMORE H	144.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE A	2 146.0	0.08		172.0		172.0	141.3	30.7
UPPER MANNVILLE D	392.0	0.10		39.2		39.2	14.7	24.5

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
64	2.02	0.080	0.32	0.65	174	813	80		2 184.9	1988	90 12
64	3.58	0.116	0.27	0.70	174	812	80	18 705	2 139.9	1984	85 11
64	2.00	0.120	0.23	0.70	145	856	70	14 921	2 170.2	1985	85 09
64	7.40	0.078	0.33	0.80	88	879	54	14 156	2 102.5	1985	86 05 - ABAND 87 01
64	24.99	0.043	0.35	0.61	195	801	78	19 840	2 528.3	1975	81 12 - SUSP 81 02
64	1.50	0.290	0.36	0.91	25	844	30	1 354	248.8	1988	89 08
64	1.18	0.270	0.36	0.91	25	844	30	1 449	226.7	1989	89 10 - ABAND 89 12
508	3.42	0.100	0.31	0.80	91	825	58	12 959	1 395.3	1988	89 06
51 206					103	811	60	18 240	1 722.4	1964	89 01
4 608	2.00	0.110	0.36	0.78							
13 259	5.45	0.144	0.36	0.78							- GPP
33 339	3.19	0.124	0.36	0.78							- GPP
192	3.03	0.118	0.35	0.77	103	817	63	15 697	1 718.1	1987	88 07
64	1.55	0.086	0.36	0.78	80	821	65	10 000	1 592.6	1981	82 05
138	9.24	0.200	0.20	0.73		805	87	32 972	2 557.0	1968	85 10
64	18.00	0.200	0.80	0.73		821	75	20 366	2 400.0	1979	79 01 - SUSP 84 11
16	20.30	0.190	0.32	0.90	40	966	40	8 169	1 020.2	1987	88 03 - ABAND 89 01
64	2.70	0.210	0.48	0.93	28	859	32	7 532	1 016.2	1988	89 10
100	1.52	0.220	0.30	0.85	41	876	46	7 860	1 092.4	1952	75 06 - SUSP 81 01
57	1.83	0.170	0.25	0.90	62	876	47	8 960	1 148.8	1951	88 12 - SUSP 89 11
93	2.59	0.220	0.52	0.89	50	887	44	9 760	1 244.2	1965	84 12 - SUSP 80 07
64	1.00	0.170	0.50	0.90	33	871	43	6 692	1 155.0	1983	84 01 - ABAND 84 09
64	3.90	0.210	0.52	0.87	50	875	46	8 169	1 087.5	1987	88 01 - ABAND 88 10
64	4.00	0.200	0.29	0.91	35	858	33	7 147	1 097.0	1989	89 10
130	2.74	0.030	0.30	0.75	53	839	48	8 720	1 161.6	1953	64 12 - ABAND 60 10
316	2.47	0.100	0.42	0.85	62	822	35	8 123	1 142.8	1986	90 06
64	5.20	0.080	0.40	0.83	64	838	38	7 623	1 121.1	1987	87 10 - SUSP 89 02
16	10.97	0.080	0.15	0.75	62	849	56	10 760	1 397.2	1955	76 12 - SUSP 83 03
345	14.80	0.085	0.09	0.84	60	844	60	13 100	1 608.1	1960	88 07
300	4.51	0.110	0.13	0.84	62	849	52	10 790	1 380.1	1963	90 12 - GPP
16	6.00	0.100	0.15	0.70	135	844	42	10 645	1 411.3	1982	83 02
128	9.99	0.120	0.24	0.84	59	890	61	10 412	1 370.6	1982	84 01
64	8.30	0.060	0.21	0.84	59	842	61	16 051	1 642.7	1983	84 03 - ABAND 84 01
64	5.10	0.100	0.14	0.90	45	949	51	10 665	1 332.7	1985	85 12
192	3.17	0.160	0.61	0.92	28	806	38	6 000	959.9	1986	89 12
128	0.80	0.170	0.30	0.85	46	836	57	13 977	1 648.3	1980	90 01 - GPP
32	1.00	0.120	0.25	0.84	58	918	63	13 088	1 790.5	1984	88 08 - ABAND 90 05
64	1.80	0.120	0.18	0.84	58	917	63	15 629	1 856.2	1988	89 12
64	0.80	0.080	0.26	0.84	58	886	62	17 179	1 874.3	1988	89 06 - ABAND 89 10
128	2.70	0.120	0.23	0.79	92	846	47	10 792	1 171.2	1982	89 09 - GPP
64	2.45	0.210	0.18	0.81	95	823	41	11 150	1 183.0	1989	89 08
64	4.34	0.140	0.40	0.86	70	825	63	20 666	2 009.0	1989	90 03
936	2.61	0.120	0.40	0.91	54	841	59	7 913	1 414.5	1985	89 07
32	3.60	0.170	0.30	0.97	25	912	52	11 039	1 541.8	1988	89 06
65	3.35	0.220	0.20	0.80	89	881	49	9 340	1 404.5	1967	74 04 - ABAND 74 03
792	1.61	0.180	0.18	0.85	53	893	57	10 060	1 391.0	1959	89 10 - GPP
64	2.44	0.130	0.30	0.88	51	870	38	9 450	1 478.0	1977	82 12 - SUSP 84 11
128	2.40	0.135	0.35	0.80	70	886	57	11 118	1 418.7	1982	84 06
64	3.00	0.170	0.45	0.80	66	878	54	10 135	1 405.8	1959	88 12 - SUSP 85 10
1 186	2.05	0.170	0.41	0.88	48	915	62	9 977	1 425.8	1977	88 01
128	2.34	0.190	0.20	0.86	48	882	62	10 300	1 405.7	1984	85 07 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
NEVIS 039-22W4 (CONTINUED)								
UPPER MANNVILLE E	220.0	0.15		33.0		33.0	20.7	12.3
LOWER MANNVILLE A	62.7	<0.01		0.5		0.5	0.5	
DEVONIAN	429.0	<0.04		14.8		14.8	14.5	0.3
D-1 A	28.1	0.05		1.4		1.4	0.8	0.6
D-2 A	274.0	0.03		8.2		8.2	3.1	5.1
D-2 B	198.0	0.05		9.9		9.9	0.3	9.6
D-3 B	238.0	0.16		38.1		38.1	36.2	1.9
D-3 C	222.0	<0.22		47.4		47.4	47.4	
D-3 D	191.0	0.20		38.2		38.2	23.6	14.6
D-3 E	1 270.0	0.15		191.0		191.0	143.9	47.1
D-3 F	400.0	<0.03		11.1		11.1	11.1	
D-3 G	240.0	0.30		72.0		72.0	54.9	17.1
D-3 H	303.0	0.20		60.6		60.6	0.4	60.2
NEW NORWAY 044-22W4								
BLAIRMORE	69.1	<0.01		0.2		0.2	0.2	
BASAL QUARTZ C	163.0	<0.01		0.8		0.8	0.8	
D-2	2 150.0	0.65		1 400.0		1 400.0	1 292.4	107.6
D-3	318.0	0.60		191.0		191.0	179.7	11.3
NEWBROOK 062-20W4								
UPPER MANNVILLE N	121.0	<0.01		0.1		0.1	0.1	
NIPISI 079-08W5								
SLAVE POINT A	353.0	0.10		35.3		35.3	10.5	24.8
SLAVE POINT B	395.0	<0.01		1.1		1.1	1.1	
SLAVE POINT C	435.0	0.10		43.5		43.5	5.0	38.5
SLAVE POINT D	134.0	0.15		20.1		20.1	8.1	12.0
GILWOOD A TOTAL	117 600.0			30 520.0	29 840.0	60 360.0	45 159.9	15 200.1
PRIMARY AREA	5 508.0	0.25		1 377.0		1 377.0		
SOLVENT FLOOD AREA	72 700.0	<0.27	0.34	18 900.0	24 910.0	43 810.0		
WATER FLOOD AREA	39 400.0	0.26	0.13	10 240.0	4 926.0	15 170.0		
GILWOOD C	4 190.0	0.15		630.0		630.0	557.7	72.3
GILWOOD E	135.0	0.15		20.3		20.3	16.5	3.8
GILWOOD F	100.0	<0.05		4.5		4.5	4.5	
GILWOOD G	150.0	0.15		22.5		22.5	14.0	8.5
GILWOOD H	346.0	0.15		52.0		52.0	33.6	18.4
GILWOOD I	272.0	0.10		27.2		27.2	11.3	15.9
GILWOOD J	66.3	0.05		3.3		3.3	0.6	2.7
KEG RIVER SANDSTONE A	2 350.0	0.25		588.0		588.0	542.2	45.8
KEG RIVER SANDSTONE E	2 050.0	0.35		718.0		718.0	454.4	263.6
KEG RIVER SANDSTONE F	323.0	<0.02		5.5		5.5	5.5	
KEG RIVER SANDSTONE G	355.0	<0.03		8.6		8.6	8.6	
KEG RIVER SANDSTONE H	192.0	0.25		48.0		48.0	32.7	15.3
KEG RIVER SANDSTONE I	130.0	0.25		32.5		32.5	14.9	17.6
KEG RIVER SANDSTONE J	223.0	<0.03		5.0		5.0	5.0	
KEG RIVER SANDSTONE K	29.4	<0.02		0.5		0.5	0.5	
KEG RIVER SANDSTONE L	384.0	0.07		26.9		26.9	13.7	13.2
KEG RIVER SANDSTONE M	350.0	0.25		87.5		87.5	13.9	73.6
KEG RIVER SANDSTONE N	22.4	<0.01		0.1		0.1	0.1	
KEG RIVER SANDSTONE O	298.0	0.25		74.5		74.5	17.0	57.5
NITON 055-12W5								
CARDIUM A	135.0	0.15		20.3		20.3	10.8	9.5
CARDIUM B	137.0	<0.05		6.0		6.0	6.0	
CARDIUM C	230.0	0.10		23.0		23.0	18.3	4.7
CARDIUM D	176.0	<0.01		0.8		0.8	0.8	
CARDIUM E	142.0	0.15		21.3		21.3	11.9	9.4
CARDIUM F	275.0	0.15		41.3		41.3	9.0	32.3

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
128	1.98	0.160	0.37	0.86	48	885	62	10 140	1 409.5	1986	88 12
64	1.20	0.170	0.40	0.80	64	893	54	11 003	1 404.6	1981	84 06 - ABAND 85 10
199	4.82	0.080	0.20	0.70	120	834	58	16 060	1 722.4	1952	89 12
64	1.30	0.060	0.26	0.76	50	897	45	9 952	1 520.4	1952	89 12
128	4.20	0.085	0.20	0.75	86	826	58	16 382	1 735.4	1986	90 12 - SUSP 89 10
64	9.50	0.080	0.40	0.68	148	823	59	12 141	1 732.3	1985	89 09
7	53.95	0.087	0.20	0.87	53	870	43	16 810	1 856.5	1968	88 12 - GPP
6	65.87	0.080	0.20	0.87	40	870	64	16 820	1 788.3	1967	89 12 - SUSP 87 08
14	31.80	0.065	0.20	0.83	64	876	64	15 730	1 821.5	1969	79 03 - SUSP 90 01
34	45.81	0.120	0.17	0.82	79	887	38	16 130	1 832.5	1970	84 12 - GPP
64	11.80	0.076	0.15	0.82	74	887	38	14 710	1 755.6	1970	88 12 - ABAND 82 06
20	25.30	0.075	0.23	0.82	79	887	62	14 212	1 892.0	1984	87 11
64	9.50	0.080	0.25	0.83	64	874	64	12 418	1 689.3	1988	88 10
16	4.88	0.175	0.35	0.77	80	825	56	10 140	1 393.9	1953	58 05 - ABAND 56 06
64	2.50	0.220	0.40	0.77	71	837	44	9 410	1 336.8	1980	84 12 - ABAND 83 02
197	18.70	0.085	0.14	0.80	82	825	54	10 620	1 425.2	1951	81 12
77	15.03	0.044	0.20	0.78	84	839	58	14 070	1 495.7	1951	73 02 - GPP
16	3.30	0.300	0.22	0.98	7	990	32	3 970	574.0	1988	88 10
128	6.30	0.085	0.44	0.92	16	830	54	17 149	1 680.9	1982	85 04
64	12.31	0.082	0.32	0.90	24	840	67	16 666	1 828.8	1984	88 12 - SUSP 85 06
64	12.64	0.090	0.35	0.92	18	860	66	16 972	1 813.7	1985	86 03
64	5.50	0.065	0.35	0.90	32	837	51	15 803	1 725.3	1973	84 02
32 640					65	820	49	18 130	1 708.7	1965	89 12 - GPP
3 392	2.28	0.130	0.34	0.83							
11 968	6.90	0.155	0.32	0.83							
17 280	3.30	0.130	0.36	0.83							
1 831	3.53	0.120	0.35	0.83	56	820	62	18 090	1 790.4	1969	89 02 - GPP
64	3.28	0.126	0.38	0.82	65	821	56	9 628	1 675.8	1980	85 06
64	2.30	0.130	0.37	0.83	61	821	47	7 741	1 678.2	1980	88 12 - SUSP 86 04
128	1.80	0.115	0.32	0.82	65	821	56	10 586	1 680.2	1979	85 06
256	2.12	0.120	0.36	0.83	63	820	62	17 940	1 839.3	1979	88 11
128	3.54	0.134	0.44	0.80	63	819	62	15 376	1 858.3	1984	87 08
64	2.10	0.110	0.46	0.83	56	819	62	17 878	1 829.8	1988	90 12
1 814	1.46	0.143	0.27	0.85	65	820	56	18 000	1 747.1	1966	79 12 - GPP
493	4.06	0.180	0.33	0.85	55	820	50	15 027	1 733.2	1977	85 06 - GPP
64	5.00	0.180	0.34	0.85	53	810	54	13 800	1 768.5	1980	86 12 - SUSP 84 06
64	6.40	0.170	0.40	0.85	53	849	52	15 068	1 738.1	1972	88 12 - SUSP 86 02
64	3.40	0.160	0.35	0.85	55	824	43	13 060	1 749.4	1982	83 04
64	1.90	0.180	0.30	0.85	50	830	57	12 622	1 751.0	1982	83 05 - GPP
64	3.50	0.180	0.35	0.85	53	820	52	12 299	1 740.5	1984	87 12 - ABAND 89 09
64	1.50	0.080	0.55	0.85	55	824	44	12 390	1 748.3	1984	84 08 - ABAND 84 11
64	6.10	0.170	0.32	0.85	55	825	47	12 005	1 745.7	1984	90 12
64	4.60	0.200	0.30	0.85	65	825	49	11 796	1 745.8	1985	85 08
64	0.60	0.137	0.50	0.85	52	825	54	11 285	1 743.2	1985	85 10 - SUSP 86 03
64	3.40	0.230	0.30	0.85	52	828	53	11 637	1 749.7	1986	86 05
64	2.72	0.114	0.22	0.87	48	834	57	9 400	1 427.6	1970	87 01
64	6.00	0.056	0.25	0.85	64	865	42	9 402	1 402.9	1984	85 03 - SUSP 86 11
128	2.84	0.100	0.28	0.88	44	856	52	9 086	1 384.4	1982	86 04 - GPP
64	4.00	0.110	0.29	0.88	44	856	52	8 894	1 381.9	1984	88 12 - SUSP 86 07
64	3.35	0.100	0.25	0.88	45	856	52	9 280	1 453.9	1985	86 05
128	4.12	0.080	0.26	0.88	44	856	52	8 666	1 418.7	1985	87 04

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
NITON 055-12W5 (CONTINUED)								
CARDIUM G	187.0	0.15		28.1		28.1	13.4	14.7
CARDIUM H	39.1	<0.01		0.1		0.1	0.1	
CARDIUM I	142.0	<0.03		3.2		3.2	3.2	
BASAL QUARTZ A	260.0	0.03		7.8		7.8	0.1	7.7
BASAL QUARTZ C	168.0	<0.01		0.8		0.8	0.8	
BASAL QUARTZ G	177.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ K	116.0	0.02		2.3		2.3	2.3	
BASAL QUARTZ M	124.0	0.10		12.4		12.4	2.1	10.3
BASAL QUARTZ I & ROCK CREEK A	190.0	0.15		28.5		28.5	18.3	10.2
ROCK CREEK B	49.0	<0.01		0.1		0.1	0.1	
ROCK CREEK F TOTAL	6 941.0			1 592.0	1 110.0	2 702.0	1 164.4	1 537.6
PRIMARY AREA	401.0	0.23		92.2		92.2		
WATER FLOOD AREA	6 540.0	0.23	0.17	1 500.0	1 110.0	2 610.0		
ROCK CREEK G	140.0	0.10		14.0		14.0	6.1	7.9
ROCK CREEK H	1 827.0	0.15		274.0		274.0	55.1	218.9
ROCK CREEK I	221.0	0.15		33.2		33.2	25.0	8.2
ROCK CREEK J	72.6	0.10		7.3		7.3	1.0	6.3
ROCK CREEK L	134.0	0.10		13.4		13.4	2.1	11.3
ROCK CREEK M	487.0	0.15		73.1		73.1	8.5	64.6
ROCK CREEK N	94.2	0.02		2.0		2.0	0.8	1.2
NORMANDVILLE 079-22W5								
JURASSIC A	120.0	0.01		1.3		1.3	1.3	
MISSISSIPPIAN B	23.4	0.04		0.9		0.9	0.9	
D-1 A	531.0	0.35		186.0		186.0	173.9	12.1
D-1 B	805.0	<0.01		0.4		0.4	0.4	
D-3 A	412.0	0.46		190.0		190.0	171.9	18.1
D-3 B	563.0	0.33		186.0		186.0	180.8	5.2
GILWOOD A	220.0	0.25		55.0		55.0	17.2	37.8
NORRIS 054-18W4								
LOWER VIKING B	104.0	0.10		10.4		10.4	5.2	5.2
NORTHVILLE 052-10W5								
CARDIUM A	367.0	0.05		18.4		18.4	1.2	17.2
ROCK CREEK A	75.3	<0.01		0.6		0.6	0.6	
JURASSIC A	231.0	0.10		23.1		23.1	3.4	19.7
JURASSIC E	76.1	0.10		7.6		7.6	3.3	4.3
OBERLIN 038-21W4								
MANNVILLE C	197.0	0.04		7.9		7.9	4.7	3.2
OGSTON 089-10W5								
KEG RIVER SANDSTONE A	1 410.0	0.05		70.5		70.5	45.3	25.2
KEG RIVER SANDSTONE B	513.0	<0.01		1.6		1.6	1.6	
GRANITE WASH A	279.0	0.25		69.8		69.8	15.6	54.2
GRANITE WASH B	182.0	0.15		27.3		27.3	5.5	21.8
OKOTOKS 021-28W4								
WABAMUN A	167.0	<0.01		1.5		1.5	1.5	
OTTER 088-12W5								
SLAVE POINT A	1 953.0	0.15		293.0		293.0	110.0	183.0
GRANITE WASH A	3 679.0	0.20		736.0		736.0	372.2	363.8
GRANITE WASH D	49.7	0.15		7.5		7.5	4.5	3.0
GRANITE WASH F	2 056.0	0.30		617.0		617.0	223.7	393.3
GRANITE WASH I	1 038.0	0.30		311.0		311.0	103.4	207.6
GRANITE WASH J	173.0	0.30		51.9		51.9	8.6	43.3
GRANITE WASH K	161.0	0.20		32.2		32.2	4.1	28.1
GRANITE WASH M	273.0	<0.02		4.0		4.0	4.0	
GRANITE WASH N	116.0	<0.02		1.2		1.2	1.2	
GRANITE WASH O	109.0	0.20		21.8		21.8	1.4	20.4
GRANITE WASH P	92.9	0.20		18.6		18.6	1.1	17.5
GRANITE WASH Q	79.2	0.15		11.9		11.9	0.8	11.1
GRANITE WASH R	546.0	0.30		164.0		164.0	25.0	139.0
GRANITE WASH S	57.1	0.10		5.7		5.7	0.1	5.6
GRANITE WASH T	203.0	0.20		40.6		40.6	3.8	36.8

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	5.60	0.080	0.26	0.88	44	856	52	10 129	1 422.3	1986	87 04
64	1.60	0.070	0.38	0.88	44	856	52	9 244	1 378.0	1987	87 07 - ABAND 89 03
64	2.97	0.110	0.23	0.88	44	856	52	9 303	1 390.3	1986	86 10 - ABAND 90 06
241	1.54	0.160	0.40	0.73	114	839	80	16 440	1 962.0	1964	88 12 - SUSP 89 10
64	3.66	0.150	0.35	0.73	114	839	80	16 440	1 962.0	1967	76 08 - SUSP 70 03
64	4.63	0.130	0.37	0.73	56	900	80	15 940	1 948.6	1979	79 12 - SUSP 79 09
64	3.00	0.120	0.30	0.72	120	892	65	17 235	1 908.9	1981	88 12 - SUSP 86 09
64	2.00	0.150	0.13	0.74	110	832	76	16 041	1 937.8	1988	89 01
128	2.30	0.130	0.32	0.73	114	864	76	16 234	1 861.3	1980	90 08
64	1.50	0.110	0.42	0.80	135	883	62	15 299	1 903.8	1985	88 12 - SUSP 86 09
2 813					114	839	76	16 270	1 973.0	1965	88 12 - GPP
303	1.96	0.157	0.41	0.73							
2 510	4.43	0.152	0.47	0.73							
64	4.40	0.126	0.46	0.73	115	876	71	15 157	1 910.7	1986	87 04
385	6.59	0.137	0.28	0.73	120	834	70	16 175	1 930.4	1984	89 04
64	4.92	0.170	0.45	0.75	84	879	71	16 160	1 888.0	1974	75 12
64	0.90	0.210	0.25	0.80	93	841	54	14 249	1 948.4	1987	88 11 - GPP
64	3.85	0.122	0.45	0.81	74	865	74	12 688	1 791.9	1986	87 03 - SUSP 87 10
64	9.84	0.129	0.20	0.75	100	862	75	15 254	1 794.9	1988	89 10 - GPP
64	1.92	0.140	0.27	0.75	100	862	75		1 786.5	1987	90 11 - GPP
32	3.66	0.150	0.25	0.90	35	921	33	7 270	821.7	1956	61 02 - ABAND 61 11
16	1.52	0.150	0.25	0.84	62	839	37	10 930	1 066.2	1957	61 02 - ABAND 61 11
365	7.04	0.035	0.28	0.82	68	834	53	18 100	1 766.9	1956	85 12 - GPP
64	77.50	0.030	0.34	0.82	66	855	57	13 647	1 755.9	1984	85 04 - SUSP 85 10
65	21.34	0.046	0.19	0.80	77	825	66	21 820	2 049.8	1949	86 12 - GPP
213	14.57	0.031	0.27	0.80	77	825	66	21 750	2 048.0	1958	87 12 - GPP
64	3.72	0.150	0.30	0.88	39	833	68	24 731	2 319.0	1987	88 07
64	3.10	0.130	0.55	0.90	42	874	20	5 436	687.3	1982	83 11
64	11.00	0.130	0.55	0.89	41	868	54	7 630	1 450.5	1981	89 08
64	2.80	0.100	0.40	0.70	150	813	62	17 000	1 982.9	1984	85 07 - SUSP 85 06
64	8.00	0.095	0.35	0.73	120	885	77	16 002	2 032.7	1981	82 03
64	3.21	0.084	0.37	0.70	130	800	62	17 247	1 999.9	1986	86 08
64	2.77	0.160	0.20	0.87	51	870	47	9 970	1 322.2	1973	80 12 - GPP
320	4.80	0.150	0.29	0.86	62	829	49	16 410	1 506.6	1975	79 12 - GPP
65	7.32	0.220	0.42	0.85	50	829	43	16 040	1 491.1	1976	78 11 - ABAND 82 02
64	3.35	0.205	0.27	0.87	39	837	41	15 772	1 555.9	1988	89 01
64	3.00	0.210	0.48	0.87	39	837	41	15 779	1 562.8	1989	89 10
64	6.10	0.100	0.25	0.57	235	811	77	26 200	2 595.9	1978	84 07 - ABAND 83 07
500	9.57	0.065	0.31	0.91	34	833	54	15 837	1 552.7	1981	90 12
1 108	3.06	0.196	0.37	0.88	37	832	43	5 811	1 597.0	1983	87 11
64	0.76	0.191	0.37	0.85	55	840	44	14 756	1 609.0	1983	84 11
601	3.02	0.190	0.33	0.89	36	860	40	16 146	1 594.7	1984	88 09
192	4.25	0.220	0.35	0.89	35	835	44	16 277	1 571.1	1984	86 09
64	3.07	0.183	0.44	0.86	49	829	40	15 922	1 564.4	1986	86 09
64	2.40	0.204	0.41	0.87	38	840	40	15 966	1 578.6	1985	86 03
64	5.16	0.161	0.43	0.90	34	834	43	15 379	1 548.1	1984	87 11 - ABAND 89 04
64	2.73	0.146	0.47	0.86	34	830	43	10 467	1 529.4	1985	87 10 - ABAND 89 03
64	2.40	0.160	0.50	0.89	66	831	39	16 108	1 568.5	1985	89 05
64	2.00	0.150	0.45	0.88	42	839	55	15 463	1 629.6	1988	89 06 - SUSP 90 03
64	2.00	0.125	0.45	0.90	34	845	43	13 885	1 581.5	1989	89 08 - SUSP 90 05
64	7.89	0.185	0.35	0.90	34	845	43		1 600.8	1989	89 08
64	1.34	0.153	0.50	0.87	39	822	41	14 831	1 623.4	1989	89 11 - SUSP 90 02
64	2.86	0.190	0.33	0.87	39	837	41	14 877	1 602.4	1989	89 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
PADDLE RIVER 057-08W5								
D-2 A	181.0	<0.13		22.2		22.2	22.2	
PAKOWKI LAKE 004-07W4								
SUNBURST A	62.1	<0.01		0.4		0.4	0.4	
SUNBURST B	535.0	0.10		53.5		53.5	15.2	38.3
PANNY 096-06W5								
KEG RIVER A	484.0	0.25		121.0		121.0	74.4	46.6
KEG RIVER B	244.0	0.10		24.4		24.4	12.3	12.1
KEG RIVER C	1 220.0	0.30		366.0		366.0	186.8	179.2
KEG RIVER D	2 600.0	0.40		1 040.0		1 040.0	307.8	732.2
KEG RIVER E	122.0	0.40		48.8		48.8	27.9	20.9
KEG RIVER F	300.0	0.25		75.0		75.0	14.9	60.1
KEG RIVER G	350.0	0.35		122.0		122.0	46.3	75.7
KEG RIVER H	190.0	0.10		19.0		19.0	9.2	9.8
KEG RIVER I	477.0	0.30		143.0		143.0	32.9	110.1
KEG RIVER J	171.0	0.25		42.8		42.8	11.2	31.6
KEG RIVER K	266.0	0.25		66.5		66.5	13.1	53.4
KEG RIVER L	86.6	0.10		8.7		8.7	2.8	5.9
KEG RIVER M	177.0	0.25		44.3		44.3	7.9	36.4
KEG RIVER N	148.0	<0.01		0.2		0.2	0.2	
KEG RIVER O	181.0	<0.01		0.4		0.4	0.4	
KEG RIVER P	312.0	0.25		78.0		78.0	24.2	53.8
KEG RIVER Q	167.0	0.30		50.1		50.1	11.9	38.2
KEG RIVER R	580.0	0.25		145.0		145.0	30.7	114.3
KEG RIVER S	196.0	0.05		9.8		9.8	1.3	8.5
KEG RIVER T	229.0	<0.01		1.0		1.0	1.0	
KEG RIVER U	335.0	0.25		83.8		83.8	18.0	65.8
KEG RIVER V	791.0	0.02		15.8		15.8	3.3	12.5
KEG RIVER W	180.0	0.15		27.0		27.0	2.8	24.2
KEG RIVER X	173.0	<0.01		0.1		0.1	0.1	
KEG RIVER Y	436.0	0.10		43.6		43.6	14.6	29.0
KEG RIVER Z	581.0	0.20		116.0		116.0	3.6	112.4
KEG RIVER AA	235.0	0.10		23.5		23.5	4.5	19.0
KEG RIVER BB	123.0	<0.01		0.1		0.1	0.1	
PARFLESH 025-22W4								
UPPER MANNVILLE C	101.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE D	328.0	0.10		32.8		32.8	13.9	18.9
UPPER MANNVILLE G WATER FLOOD	1 400.0	0.10	0.40	140.0	560.0	700.0	533.9	166.1
UPPER MANNVILLE H	34.4	0.20		6.9		6.9	0.5	6.4
LOWER MANNVILLE B	383.0	<0.02		4.3		4.3	4.3	
LOWER MANNVILLE D	211.0	0.05		10.5		10.5	0.5	10.0
PEARCE 009-24W4								
D-2 A	108.0	0.15		16.2		16.2	9.7	6.5
PEARL 030-16W4								
BANFF A	61.2	0.15		9.2		9.2	7.4	1.8
PEAVEY 056-24W4								
MIDDLE VIKING A	529.0	0.20		106.0		106.0	94.0	12.0
MIDDLE VIKING B	52.0	0.10		5.2		5.2	0.2	5.0
BLAIRMORE TOTAL	1 896.0			379.0	63.6	443.0	239.7	203.3
PRIMARY AREA	1 260.0	0.20		252.0		252.0		
WATER FLOOD AREA	636.0	0.20	0.10	127.0	63.6	191.0		
BLAIRMORE B	225.0	<0.01		0.9		0.9	0.9	
BLAIRMORE C	79.3	0.10		7.9		7.9	6.8	1.1
BLAIRMORE F	73.0	0.10		7.3		7.3	0.1	7.2
PECO 047-15W5								
BELLY RIVER C	2 640.0	0.10		264.0		264.0	100.3	163.7
BELLY RIVER D	202.0	0.10		20.2		20.2	2.2	18.0
BELLY RIVER E	402.0	0.10		40.2		40.2	6.9	33.3
BELLY RIVER G	52.6	<0.01		0.1		0.1	0.1	
BELLY RIVER H	547.0	0.10		54.7		54.7	20.2	34.5
BELLY RIVER I	157.0	<0.01		0.1		0.1	0.1	
BELLY RIVER J	200.0	<0.01		0.1		0.1	0.1	
BELLY RIVER K	393.0	0.15		59.0		59.0	1.6	57.4
BELLY RIVER L	154.0	0.10		15.4		15.4	0.1	15.3
BELLY RIVER O	232.0	0.10		23.2		23.2	10.8	12.4

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	8.84	0.053	0.25	0.80	117	876	70	14 130	1 835.2	1954	71 11 - ABAND 78 10
32	1.80	0.190	0.39	0.93	30	923	33	8 731	889.9	1976	83 05 - SUSP 84 05
188	1.89	0.230	0.28	0.91	32	830	40	8 909	930.2	1979	89 10
192	4.64	0.080	0.22	0.87	51	829	38	12 172	1 169.1	1984	85 08
64	5.90	0.080	0.07	0.87	63	831	38	11 527	1 124.3	1984	89 12
128	14.62	0.090	0.17	0.87	51	829	38	13 029	1 239.7	1984	85 04
421	11.38	0.080	0.22	0.87	51	837	38	12 622	1 232.2	1983	85 04
100	3.45	0.059	0.32	0.88	51	829	38	12 209	1 175.3	1984	89 12
64	8.67	0.084	0.26	0.87	52	840	38	12 537	1 178.9	1985	86 07
64	11.99	0.069	0.24	0.87	51	829	38	12 308	1 194.0	1985	86 07
100	7.00	0.054	0.43	0.88	38	828	38	12 000	1 279.9	1985	90 12
64	14.17	0.072	0.16	0.87	52	830	38	11 702	1 148.8	1986	86 06
64	11.70	0.054	0.52	0.88	44	835	28	13 252	1 277.2	1986	87 02
128	7.86	0.049	0.38	0.87	52	834	38	13 107	1 265.5	1985	87 02
64	3.00	0.073	0.29	0.87	52	845	38	13 053	1 264.5	1986	90 12
64	10.80	0.042	0.30	0.87	47	834	37	13 083	1 257.4	1985	86 03
64	7.54	0.061	0.40	0.84	65	834	38	12 404	1 258.2	1986	89 12 - SUSP 87 05
64	6.14	0.088	0.40	0.87	52	829	38	13 559	1 271.0	1986	89 12 - SUSP 87 03
128	6.50	0.060	0.28	0.87	52	825	38	12 736	1 253.5	1986	88 05
64	7.02	0.057	0.25	0.87	52	837	38	9 577	1 181.8	1987	87 04
64	14.50	0.091	0.22	0.88	51	833	38	12 383	1 241.7	1986	87 04
64	7.84	0.075	0.40	0.87	51	829	38	11 723	1 252.5	1987	89 12
64	8.78	0.067	0.30	0.87	52	836	38	11 318	1 165.1	1987	89 12 - SUSP 87 05
64	10.60	0.081	0.30	0.87	51	829	38	12 166	1 255.1	1987	87 05
128	15.40	0.072	0.36	0.87	52	837	38	12 270	1 183.6	1987	89 12
64	10.30	0.056	0.44	0.87	52	829	38	12 387	1 287.8	1987	87 08
64	7.97	0.071	0.45	0.87	52	829	38	12 147	1 194.0	1987	87 08 - ABAND 89 04
32	21.90	0.094	0.24	0.87	52	820	38	11 756	1 149.2	1987	90 12
64	15.20	0.093	0.27	0.88	51	840	38	12 019	1 218.9	1986	87 12
32	16.50	0.080	0.36	0.87	52	837	38	11 476	1 197.4	1988	90 12
64	6.70	0.060	0.45	0.87	52	829	38	13 142	1 271.4	1988	88 09 - ABAND 89 12
64	2.00	0.160	0.40	0.82	70	847	49	10 293	1 493.3	1981	83 04 - SUSP 83 04
64	9.50	0.130	0.50	0.83	66	860	37	8 765	1 442.0	1981	83 09
360	2.61	0.230	0.21	0.82	56	858	45	7 970	1 449.3	1963	90 12
16	3.66	0.140	0.50	0.84	66	858	49	9 095	1 462.5	1978	89 05 - SUSP 90 02
65	5.49	0.180	0.25	0.80	71	849	46	10 540	1 491.7	1969	83 12 - SUSP 76 11
64	7.00	0.140	0.60	0.84	67	857	43	10 673	1 537.4	1980	84 05 - SUSP 88 01
64	4.64	0.070	0.20	0.65	186	829	51	19 884	2 397.0	1977	88 12 - SUSP 89 05
64	2.13	0.060	0.15	0.88	51	894	38	9 184	1 288.9	1976	88 12 - GPP
146	2.59	0.203	0.25	0.92	37	876	38	6 070	848.0	1951	86 12 - GPP
64	1.30	0.170	0.60	0.92	32	876	32	6 044	851.0	1987	88 06 - SUSP 89 05
400					35	876	43	8 270	1 067.1	1951	86 08
272	3.25	0.206	0.23	0.90							
128	3.48	0.206	0.23	0.90							
32	5.00	0.240	0.35	0.90	42	912	33	7 151	1 074.2	1976	84 03 - SUSP 85 11
16	3.90	0.220	0.32	0.85	32	916	35	6 028	1 071.8	1983	84 03 - GPP
16	3.90	0.190	0.33	0.92	28	898	40	6 865	1 075.1	1987	88 06 - SUSP 88 04
768	6.78	0.100	0.35	0.78	80	806	52	12 921	2 166.2	1983	85 10
64	5.20	0.120	0.35	0.78	90	799	50	11 921	2 000.2	1984	85 03
128	6.19	0.100	0.35	0.78	52	824	52	13 361	2 205.6	1983	85 03
64	1.80	0.090	0.35	0.78	80	806	52	13 097	2 223.4	1984	89 12 - SUSP 84 11
128	7.32	0.110	0.32	0.78	80	806	52	12 300	2 190.5	1984	89 05
64	5.80	0.120	0.56	0.80	56	810	61	12 103	1 986.1	1985	85 10 - SUSP 85 11
64	5.00	0.120	0.35	0.80	56	810	61	12 375	2 092.0	1984	85 10 - SUSP 85 09
64	11.00	0.110	0.35	0.78	85	806	50	12 648	2 066.6	1985	85 10 - SUSP 87 10
64	4.00	0.140	0.45	0.78	88	830	62	10 258	1 997.8	1985	85 12
64	4.60	0.140	0.25	0.75	111	797	66	11 990	2 242.0	1987	88 07

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PECO 047-15W5 (CONTINUED)								
CARDIUM C	228.0	0.10		22.8		22.8	16.0	6.8
CARDIUM D	47.3	0.10		4.7		4.7	1.0	3.7
CARDIUM E	33.4	0.25		5.0		5.0	3.5	1.5
CARDIUM F	38.0	<0.01		0.1		0.1	0.1	
CARDIUM G	199.0	0.10		19.9		19.9	10.0	9.9
CARDIUM H	76.6	0.10		7.7		7.7	3.4	4.3
VIKING A	224.0	<0.02		2.9		2.9	2.9	
GETHING B	185.0	0.10		18.5		18.5	5.2	13.3
PEMBINA 048-07W5								
KEYSTONE BELLY RIVER B TOTAL	29 300.0			3 740.0	5 940.0	9 680.0	6 593.4	3 086.6
PRIMARY AREA	2 050.0	0.10		205.0		205.0		
WATER FLOOD AREA	27 200.0	0.13	0.22	3 530.0	5 940.0	9 470.0		
BELLY RIVER G	215.0	<0.14		29.9		29.9	29.9	
BELLY RIVER H	923.0	0.10		92.3		92.3	61.3	31.0
BELLY RIVER I TOTAL	9 540.0			1 310.0	975.0	2 290.0	1 117.3	1 172.7
PRIMARY AREA	4 440.0	0.13		565.0		565.0		
WATER FLOOD AREA	5 100.0	<0.15	0.20	746.0	975.0	1 720.0		
BELLY RIVER J WATER FLOOD	1 420.0	0.10	0.25	142.0	356.0	498.0	193.1	304.9
KEYSTONE BELLY RIVER K	208.0	0.15		31.2		31.2	28.0	3.2
KEYSTONE BELLY RIVER L TOTAL	4 296.0			457.0	710.0	1 167.0	549.9	617.1
PRIMARY AREA	1 336.0	0.05		66.8		66.8		
WATER FLOOD AREA	2 960.0	<0.14	0.24	390.0	710.0	1 100.0		
KEYSTONE BELLY RIVER P	203.0	0.05		10.2		10.2	0.9	9.3
KEYSTONE BELLY RIVER U TOTAL	12 030.0			1 519.0	1 230.0	2 749.0	1 506.0	1 243.0
PRIMARY AREA	4 842.0	<0.13		629.0		629.0		
WATER FLOOD AREA	7 188.0	<0.13	0.18	890.0	1 230.0	2 120.0		
KEYSTONE BELLY RIVER X TOTAL	8 050.0			644.0	1 320.0	1 970.0	580.0	1 390.0
PRIMARY AREA	1 090.0	0.08		87.2		87.2		
WATER FLOOD AREA	6 960.0	0.08	0.19	557.0	1 320.0	1 880.0		
BELLY RIVER AA	4 808.0	0.04		192.0		192.0	113.8	78.2
BELLY RIVER DD	491.0	0.05		24.6		24.6	2.9	21.7
BELLY RIVER EE	408.0	<0.01		3.2		3.2	3.2	
BELLY RIVER II	1 400.0	0.05		70.0		70.0	63.6	6.4
BELLY RIVER JJ	254.0	<0.03		6.5		6.5	6.5	
BELLY RIVER KK	1 300.0	0.08		104.0	ERSO	104.0	79.6	24.4
KEYSTONE BELLY RIVER LL	79.6	0.10		8.0		8.0	3.4	4.6
BELLY RIVER MM	715.0	0.05		35.8		35.8	28.2	7.6
KEYSTONE BELLY RIVER QQ	315.0	<0.01		0.4		0.4	0.4	
BELLY RIVER RR	435.0	0.02		8.7		8.7	4.1	4.6
KEYSTONE BELLY RIVER TT	289.0	0.01		2.9		2.9	1.6	1.3
BELLY RIVER XX	224.0	<0.02		2.4		2.4	2.4	
BELLY RIVER FFF, GGG K2K & S2S TOTAL	15 990.0			920.0	465.0	1 385.0	491.9	893.1
PRIMARY AREA	9 100.0	0.05		455.0		455.0		
WATER FLOOD AREA	6 890.0	0.07	0.07	465.0	465.0	930.0		
BELLY RIVER B2B & C2C	575.0	0.02		11.5		11.5	2.0	9.5
KEYSTONE BELLY RIVER C,O & H3H TOTAL	25 030.0			3 254.0	2 608.0	5 862.0	3 848.8	2 013.2
PRIMARY AREA	9 692.0	0.13		1 260.0		1 260.0		
WATER FLOOD AREA	15 340.0	0.13	0.17	1 994.0	2 608.0	4 602.0		
BELLY RIVER BBB	126.0	0.10		12.6		12.6	4.3	8.3
BELLY RIVER DDD TOTAL	3 800.0			570.0	631.0	1 201.0	417.1	783.9
PRIMARY AREA	131.0	0.15		20.0		20.0		
WATER FLOOD AREA	3 669.0	0.15	0.17	550.0	631.0	1 181.0		
BELLY RIVER JJJ	292.0	0.03		8.8		8.8	3.0	5.8
BELLY RIVER MMM	350.0	<0.01		0.3		0.3	0.3	
BELLY RIVER NNN	217.0	0.05		10.4		10.4	2.2	8.2
BELLY RIVER RRR	315.0	0.02		6.3		6.3	3.9	2.4

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
156	2.60	0.110	0.15	0.60	204	792	92	25 020	2 464.5	1976	85 12
64	1.40	0.110	0.20	0.60	200	791	74	19 300	2 473.2	1981	82 07
108	0.92	0.070	0.20	0.60	200	786	77	27 183	2 481.9	1982	87 12
64	1.20	0.130	0.40	0.63	175	770	62	26 120	2 427.7	1976	88 12 - SUSP 76 08
192	2.21	0.100	0.22	0.60	210	792	77	31 300	2 486.5	1983	85 03 - GPP
64	1.90	0.150	0.30	0.60	210	788	77	12 545	2 442.8	1986	86 10 - GPP
64	4.00	0.160	0.30	0.78	80	820	88	29 610	2 690.9	1976	81 12 - ABAND 85
64	4.00	0.110	0.18	0.80	350	783	100	26 620	3 048.8	1984	84 12
5 920					42	839	39	6 650	978.1	1956	86 06 - GPP
672	4.36	0.150	0.47	0.88							
5 248	6.07	0.194	0.50	0.88							
75	3.05	0.150	0.30	0.89	35	834	42	6 900	1 121.7	1955	76 12 - SUSP 83 03
97	8.63	0.200	0.38	0.89	39	820	43	9 170	1 285.0	1955	88 12 - GPP
4 791					65	834	37	8 070	1 083.9	1954	78 04 - GPP
2 464	3.30	0.186	0.67	0.89							
2 327	4.01	0.186	0.67	0.89							
129	9.60	0.200	0.35	0.88	39	820	42	8 270	1 245.7	1958	78 09 - GPP
49	4.27	0.220	0.48	0.87	43	839	38	6 860	937.3	1961	88 12 - GPP
1 152					42	839	37	6 690	926.6	1961	89 12
320	4.20	0.196	0.43	0.89							
832	3.58	0.196	0.43	0.89							
64	4.60	0.160	0.50	0.86	45	857	41	6 480	983.7	1955	89 04 - GPP
4 167					43	844	41	6 860	1 029.3	1964	90 10
2 045	2.80	0.183	0.48	0.89							
2 122	4.00	0.183	0.48	0.89							
1 856					40	844	42	7 856	1 040.9	1965	86 06
224	5.15	0.180	0.41	0.89							
1 632	5.10	0.179	0.48	0.89							
964	4.85	0.205	0.43	0.88	40	844	41	7 380	972.9	1965	89 10 - GPP
64	8.50	0.180	0.43	0.88	40	844	43	7 240	992.1	1957	85 12 - GPP
65	7.13	0.188	0.46	0.87	43	849	42	6 580	1 047.3	1967	76 12 - ABAND 76 09
605	3.15	0.207	0.60	0.89	65	834	44	7 480	1 035.7	1957	84 12 - GPP
64	4.32	0.190	0.45	0.88	40	844	36	6 450	942.7	1967	81 12 - GPP
192	7.17	0.181	0.40	0.87	41	820	49	8 340	1 312.2	1956	85 09 - GPP
65	1.68	0.165	0.50	0.89	40	839	49	7 760	1 061.3	1968	73 02 - GPP
154	6.10	0.140	0.39	0.89	40	829	42	12 820	1 260.3	1968	77 12 - GPP
65	5.76	0.190	0.50	0.89	44	904	38	6 650	973.5	1974	83 12 - SUSP 78 01
65	6.10	0.200	0.38	0.89	43	829	43	10 290	1 296.9	1959	85 12 - SUSP 88 11
64	4.61	0.200	0.45	0.89	41	844	41	6 070	931.5	1975	81 12 - GPP
64	4.92	0.200	0.60	0.89	62	839	31	6 780	969.6	1978	82 12 - SUSP 85 08
2 496					45	841	32	6 825	990.9	1970	90 12
1 664	5.89	0.180	0.48	0.89							
832	10.57	0.180	0.47	0.89							
128	5.60	0.160	0.43	0.88	40	840	50	7 011	1 179.1	1985	89 12
6 087					41	839	39	6 550	979.3	1959	90 10
2 372	4.39	0.190	0.45	0.89							
3 715	4.44	0.190	0.45	0.89							- GPP
64	2.00	0.190	0.42	0.89	46	846	22	7 200	940.2	1978	79 05
1 343					65	817	49	10 716	1 447.2	1978	90 03
64	2.80	0.134	0.31	0.79							
1 279	3.93	0.134	0.31	0.79							
64	4.70	0.170	0.35	0.88	50	854	41	7 750	1 153.1	1979	83 12 - SUSP 88 03
64	6.30	0.150	0.35	0.89	48	840	36	5 829	865.7	1981	82 05 - SUSP 84 02
64	2.70	0.220	0.36	0.89	55	846	40	6 612	995.7	1981	83 12 - GPP
32	8.30	0.212	0.35	0.86	52	862	41	5 757	856.5	1982	86 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
PEMBINA 048-07W5 (CONTINUED)								
BELLY RIVER TTT	1 895.0	0.05		94.8		94.8	31.3	63.5
BELLY RIVER VVV	239.0	<0.01		0.2		0.2	0.2	
BELLY RIVER WWW	125.0	<0.01		0.1		0.1	0.1	
BELLY RIVER XXX	191.0	<0.01		0.1		0.1	0.1	
BELLY RIVER ZZZ	519.0	0.10		51.9		51.9	10.7	41.2
BELLY RIVER A2A	875.0	0.10		87.5		87.5	30.3	57.2
BELLY RIVER E2E	144.0	0.10		14.4		14.4	5.8	8.6
BELLY RIVER G2G	130.0	0.10		13.0		13.0	1.9	11.1
BELLY RIVER M2M	870.0	0.05		43.5		43.5	7.5	36.0
BELLY RIVER N2N	121.0	0.10		12.1		12.1	0.9	11.2
BELLY RIVER Q2Q	320.0	0.02		6.4		6.4	1.8	4.6
BELLY RIVER R2R	133.0	<0.01		0.1		0.1	0.1	
BELLY RIVER U2U	200.0	0.12		24.0		24.0	1.2	22.8
BELLY RIVER W2W	164.0	<0.01		0.1		0.1	0.1	
BELLY RIVER X2X	600.0	0.05		30.0		30.0	3.0	27.0
BELLY RIVER Z2Z	369.0	0.10		36.9		36.9	2.0	34.9
BELLY RIVER A3A	368.0	<0.01		1.0		1.0	1.0	
BELLY RIVER B3B	250.0	0.10		25.0		25.0	5.7	19.3
BELLY RIVER E3E	173.0	0.10		17.3		17.3	0.3	17.0
BELLY RIVER F3F	106.0	0.05		5.3		5.3	3.5	1.8
BELLY RIVER G3G	41.0	0.10		4.1		4.1	2.6	1.5
BELLY RIVER L3L	127.0	0.10		12.7		12.7	3.3	9.4
BELLY RIVER M3M	463.0	0.05		23.2		23.2	1.7	21.5
BELLY RIVER N3N	221.0	0.02		4.4		4.4		4.4
BELLY RIVER P3P	155.0	0.05		7.8		7.8	0.8	7.0
LEA PARK A	335.0	<0.18		60.0		60.0	31.4	28.6
CARDIUM TOTAL	1 183 000.0			122 100.0	108 900.0	231 000.0	171 986.2	59 013.8
PRIMARY AREA	278 000.0	<0.09		23 800.0		23 800.0		
SOLVENT FLOOD AREA (LOBSTICK UNIT)	11 000.0	0.14	0.15	1 530.0	1 650.0	3 180.0		
WATER FLOOD AREA	893 500.0	<0.11	0.12	96 800.0	107 200.0	204 000.0		
CARDIUM B	636.0	0.04		25.4		25.4	21.4	4.0
CARDIUM C	407.0	0.01		4.1		4.1	2.3	1.8
CARDIUM D	211.0	0.05		10.6		10.6	8.7	1.9
CARDIUM E	187.0	0.05		9.4		9.4	5.8	3.6
CARDIUM F	169.0	<0.01		0.3		0.3	0.3	
CARDIUM G	125.0	<0.01		0.2		0.2	0.2	
CARDIUM H	96.9	0.15		14.5		14.5	10.4	4.1
CARDIUM I	100.0	0.20		20.0		20.0	7.8	12.2
CARDIUM J	165.0	0.10		16.5		16.5	1.8	14.7
CARDIUM K	247.0	0.10		24.7		24.7	3.8	20.9
CARDIUM L WATER FLOOD	363.0	0.15	0.03	54.5	9.0	63.5	27.9	35.6
CARDIUM M	311.0	0.02		6.2		6.2	4.1	2.1
CARDIUM N	240.0	0.03		7.2		7.2	4.6	2.6
CARDIUM O	24.7	0.10		2.5		2.5	0.1	2.4
CARDIUM P	386.0	0.15		57.9		57.9	16.2	41.7
CARDIUM Q	129.0	0.10		12.9		12.9	9.9	3.0
CARDIUM R	79.3	0.10		7.9		7.9	3.2	4.7
CARDIUM S	216.0	0.10		21.6		21.6	0.6	21.0
CARDIUM U	75.8	0.10		7.6		7.6		7.6
SECOND WHITE SPECKS A	100.0	0.10		10.0		10.0	3.6	6.4
SECOND WHITE SPECKS B	257.0	0.10		25.7		25.7	6.7	19.0
VIKING B	800.0	0.15		120.0		120.0	114.9	5.1
VIKING D	213.0	<0.01		0.1		0.1	0.1	
VIKING E	5.6	0.05		0.3		0.3	0.3	
VIKING F	52.2	0.15		7.8		7.8	6.6	1.2
VIKING G	136.0	0.10		13.6		13.6	1.4	12.2
VIKING H	76.3	0.05		3.8		3.8	0.4	3.4
VIKING I	39.0	0.10		3.9		3.9	1.5	2.4
LOBSTICK GLAUCONITIC J	55.3	0.15		8.3		8.3	3.6	4.7
GLAUCONITIC K	318.0	0.01		3.2		3.2	0.2	3.0
LOBSTICK GLAUCONITIC N	256.0	<0.01		0.1		0.1	0.1	
LOBSTICK GLAUCONITIC P	1 320.0	0.05		66.0		66.0	48.1	17.9
LOBSTICK GLAUCONITIC Q	164.0	<0.01		0.1		0.1	0.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
320	6.93	0.200	0.52	0.89	66	853	37	7 645	1 046.8	1980	89 12 - GPP
64	4.60	0.140	0.30	0.83	65	845	52	7 625	1 137.9	1983	86 12 - SUSP 84 06
32	4.40	0.180	0.45	0.90	52	857	41	6 612	901.5	1983	84 03 - ABAND 84 07
64	3.00	0.150	0.20	0.83	65	848	52	7 423	1 161.5	1983	86 12 - SUSP 84 05
64	9.10	0.180	0.45	0.90	65	837	41	6 679	983.0	1958	84 09
473	3.02	0.130	0.38	0.76	65	849	52	9 697	1 345.0	1978	88 06
64	3.20	0.135	0.40	0.87	52	817	49	9 223	1 277.9	1980	86 03 - GPP
32	4.40	0.180	0.40	0.85	67	839	36	6 108	910.5	1984	86 07 - SUSP 87 11
128	6.42	0.170	0.30	0.89	66	822	37	8 039	1 090.2	1985	87 07
64	1.99	0.178	0.40	0.89	90	885	44	8 750	1 250.6	1985	86 06 - GPP
64	5.40	0.160	0.35	0.89	66	822	39	8 912	1 056.8	1985	89 12 - SUSP 90 01
64	2.94	0.131	0.35	0.83	72	829	39	12 716	1 441.3	1985	86 07 - ABAND 88 09
64	3.86	0.175	0.48	0.89	46	849	36	6 318	963.9	1986	86 08
64	2.75	0.161	0.35	0.89	48	867	25	8 345	1 075.1	1986	86 10 - ABAND 88 10
64	9.86	0.178	0.40	0.89	39	834	43	10 025	1 197.4	1959	90 03
64	6.00	0.180	0.40	0.89	65	822	38	7 998	1 068.0	1984	87 04
64	5.50	0.180	0.30	0.83	75	813	32	8 937	1 226.3	1976	87 04 - ABAND 90 02
64	5.00	0.180	0.38	0.70	150	791	50	10 014	1 377.8	1979	80 03
64	6.90	0.150	0.70	0.87	49	840	40	10 778	1 256.2	1987	87 12 - SUSP 89 09
32	3.77	0.181	0.45	0.88	50	847	41	7 053	1 100.8	1975	88 01 - GPP
32	2.09	0.172	0.60	0.89	50	870	36	6 303	947.8	1987	88 02
32	5.24	0.166	0.47	0.86	45	857	41	6 087	932.5	1987	88 08
128	5.65	0.150	0.52	0.89	65	823	38	9 320	1 174.0	1989	90 10
64	6.00	0.150	0.52	0.80	80	810	49		1 182.5	1987	90 04
32	5.50	0.180	0.45	0.89	50	844	36		1 285.3	1989	90 08
83	4.20	0.150	0.20	0.80	166	798	52	15 403	1 447.4	1985	90 08
191 669					96	834	46	18 890		1953	90 12 - GPP
49 291	6.77	0.121	0.15	0.81							
908	12.98	0.128	0.10	0.81							
141 470	6.06	0.143	0.10	0.81							
194	4.05	0.116	0.15	0.82	96	834	60	12 410	1 213.7	1963	83 12 - GPP
65	7.01	0.130	0.15	0.81	82	834	44	10 280	1 339.0	1973	78 12 - GPP
64	4.36	0.109	0.15	0.81	80	834	46	18 620	1 806.2	1976	82 12 - GPP
64	2.70	0.150	0.11	0.81	83	834	53	17 540	1 840.1	1978	85 12 - GPP
64	3.49	0.110	0.15	0.81	80	834	50	17 733	1 760.6	1981	83 12 - SUSP 83 09
64	2.81	0.101	0.15	0.81	80	834	56	16 588	1 620.8	1981	82 11 - SUSP 84 01
64	2.00	0.110	0.15	0.81	80	840	40	15 689	1 226.4	1982	86 12 - GPP
20	5.60	0.120	0.20	0.93	28	873	38	14 445	1 132.2	1983	90 12 - GPP
64	3.40	0.110	0.15	0.81	80	834	50	15 100	1 844.0	1983	84 04
64	4.88	0.115	0.15	0.81	80	834	50	17 758	1 763.3	1984	85 03
38	7.62	0.160	0.15	0.91	55	835	44	17 790	1 463.9	1984	90 12
64	5.70	0.110	0.10	0.86	53	845	58	19 449	1 744.5	1983	87 12
64	4.20	0.125	0.15	0.84	61	856	56	19 070	1 761.0	1984	87 12
64	0.40	0.140	0.15	0.81	125	830	56	18 400	1 671.8	1984	84 08
128	3.75	0.110	0.15	0.86	55	835	44	20 565	1 670.4	1986	89 01 - GPP
64	2.00	0.140	0.15	0.85	57	875	51	16 046	1 195.8	1987	87 12 - GPP
64	1.20	0.150	0.15	0.81	84	865	45	15 986	1 367.9	1985	86 01 - GPP
64	3.60	0.130	0.15	0.85	78	833	49	19 452	1 429.0	1983	90 03
64	2.10	0.080	0.15	0.83	65	846	55	19 370	1 409.5	1979	90 12
64	2.00	0.140	0.30	0.80	85	870	60	19 461	1 799.0	1984	84 09
64	4.30	0.180	0.27	0.71	135	838	53	24 720	1 716.7	1985	86 03
2 010	1.42	0.056	0.26	0.68	156	810	65	18 894	1 931.4	1982	85 08
64	5.20	0.160	0.55	0.89	40	830	40	10 760	1 583.0	1983	89 12 - SUSP 83 09
64	0.23	0.074	0.26	0.69	136	810	74	17 000	1 984.8	1984	86 08 - ABAND 86 02
64	1.35	0.120	0.26	0.71	150	810	74	17 670	1 989.9	1983	87 12
64	3.20	0.120	0.34	0.84	60	768	58	10 773	1 716.2	1985	87 05
64	1.40	0.150	0.20	0.71	150	810	82	17 459	1 980.2	1986	88 02
64	1.60	0.080	0.30	0.68	149	832	55	12 036	1 742.3	1987	88 02
64	1.50	0.120	0.40	0.80	90	876	48	14 047	1 630.3	1981	89 12 - GPP
64	9.40	0.110	0.40	0.80	88	829	64	13 040	1 890.8	1981	89 12
64	8.00	0.120	0.48	0.80	85	889	68	12 905	1 602.5	1980	84 12 - SUSP 82 08
320	8.49	0.116	0.41	0.71	110	871	66	12 039	1 560.0	1982	86 12 - GPP
64	4.10	0.130	0.40	0.80	85	860	56	12 814	1 870.9	1984	85 01 - SUSP 85 07

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PEMBINA 048-07W5 (CONTINUED)								
LOBSTICK GLAUCONITIC R	1 629.0	0.15		244.0		244.0	134.0	110.0
GLAUCONITIC T	608.0	0.05		30.4		30.4	0.9	29.5
GLAUCONITIC Y	152.0	0.10		15.2		15.2	5.2	10.0
GLAUCONITIC Z	330.0	0.01		3.3		3.3	0.5	2.8
GLAUCONITIC BB	326.0	0.10		32.6		32.6	3.3	29.3
GLAUCONITIC CC	341.0	0.03		10.2		10.2	0.9	9.3
GLAUCONITIC DD	174.0	0.10		17.4		17.4	1.5	15.9
GLAUCONITIC EE	262.0	0.10		26.2		26.2	1.1	25.1
GLAUCONITIC FF	62.1	0.10		6.2		6.2	0.9	5.3
GLAUCONITIC GG	36.8	0.15		5.5		5.5	2.4	3.1
GLAUCONITIC HH	113.0	0.05		5.7		5.7	1.0	4.7
GLAUCONITIC II	91.6	0.10		9.2		9.2	0.2	9.0
LOBSTICK GLAUCONITIC F,L & M	126.0	0.10		12.6		12.6	4.1	8.5
OSTRACOD D	239.0	<0.04		8.4		8.4	8.4	
OSTRACOD E TOTAL	3 567.0			445.0	790.0	1 235.0	797.1	437.9
PRIMARY AREA	132.0	0.25		33.0		33.0		
WATER FLOOD AREA	3 435.0	0.12	0.23	412.0	790.0	1 202.0		
OSTRACOD F	185.0	0.10		18.5		18.5	11.5	7.0
OSTRACOD G TOTAL	436.0	0.21		91.6	40.0	132.0	68.4	63.6
PRIMARY AREA	36.0	0.21		7.6		7.6		
GAS FLOOD AREA	400.0	0.21	0.10	84.0	40.0	124.0		
OSTRACOD H	23.4	<0.01		0.2		0.2	0.2	
OSTRACOD K	351.0	0.10		35.1		35.1	17.4	17.7
OSTRACOD M	103.0	<0.01		0.8		0.8	0.8	
OSTRACOD N	37.1	<0.01		0.1		0.1	0.1	
OSTRACOD O	46.0	<0.01		0.3		0.3	0.3	
KEYSTONE ELLERSLIE A	800.0	0.25		200.0	ERSO	200.0	173.2	26.8
ELLERSLIE D	155.0	0.10		15.5		15.5	1.8	13.7
ELLERSLIE I	129.0	0.10		12.9		12.9	5.0	7.9
ELLERSLIE L	266.0	<0.01		0.2		0.2	0.2	
ELLERSLIE N	28.2	<0.01		0.2		0.2	0.2	
ELLERSLIE O	246.0	<0.01		0.1		0.1	0.1	
ELLERSLIE P	72.0	0.10		7.2		7.2	0.1	7.1
ELLERSLIE F, JURASSIC C & D	227.0	<0.01		0.2		0.2	0.2	
ELLERSLIE G,K,M & JURASSIC E	4 677.0	0.04		187.0		187.0	82.5	104.5
JURASSIC A	690.0	0.02		13.8		13.8	9.3	4.5
JURASSIC B	242.0	0.10		24.2		24.2	11.1	13.1
JURASSIC F	438.0	0.02		8.8		8.8	3.2	5.6
JURASSIC G	95.7	0.10		9.6		9.6	1.4	8.2
JURASSIC H	296.0	0.05		14.8		14.8	0.2	14.6
JURASSIC J	408.0	0.10		40.8		40.8	6.6	34.2
JURASSIC K	300.0	0.10		30.0		30.0	13.8	16.2
JURASSIC L	76.8	<0.01		0.1		0.1	0.1	
JURASSIC M	209.0	<0.01		0.9		0.9	0.9	
JURASSIC N	338.0	0.05		16.9		16.9	2.7	14.2
JURASSIC O	180.0	0.10		18.0		18.0	0.4	17.6
JURASSIC Q	542.0	0.05		27.1		27.1	5.6	21.5
JURASSIC R	949.0	0.10		94.9		94.9	23.2	71.7
JURASSIC S	213.0	0.10		21.3		21.3	1.3	20.0
JURASSIC T	185.0	0.10		18.5		18.5	6.1	12.4
JURASSIC U	95.0	<0.01		0.1		0.1	0.1	
JURASSIC V	167.0	0.10		16.7		16.7	3.8	12.9
JURASSIC Y	359.0	0.10		35.9		35.9	1.0	34.9
JURASSIC Z	330.0	0.10		33.0		33.0	0.9	32.1
JURASSIC CC	423.0	0.03		12.7		12.7	8.0	4.7
PEKISKO A	118.0	<0.12		13.8		13.8	13.8	
PEKISKO B	98.6	<0.02		1.6		1.6	1.6	
BANFF A	705.0	<0.01		0.4		0.4	0.4	
BANFF B	525.0	<0.01		0.1		0.1	0.1	
BANFF C	104.0	<0.01		0.1		0.1	0.1	
BANFF H	98.3	<0.01		0.1		0.1		0.1
BLUERIDGE A	575.0	0.10		57.5		57.5	50.3	7.2
BLUERIDGE B	364.0	<0.01		1.3		1.3	1.3	
BLUERIDGE C	199.0	<0.02		2.8		2.8	2.8	
BLUERIDGE D	410.0	0.15		61.5		61.5	25.8	35.7
NISKU A SOLVENT FLOOD	3 000.0	0.40	0.35	1 200.0	1 050.0	2 250.0	1 512.7	737.3

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
484	4.61	0.120	0.23	0.79	92	850	52	13 116	1 601.6	1984	89 09
128	9.81	0.110	0.45	0.80	85	877	65	12 365	1 777.3	1985	88 03
64	3.20	0.130	0.26	0.77	95	866	62	12 441	1 643.0	1986	87 04
128	3.58	0.120	0.25	0.80	92	850	52	12 988	1 601.5	1985	87 07
64	8.48	0.100	0.25	0.80	75	868	57	12 450	1 675.0	1986	87 12
64	9.00	0.120	0.36	0.77	95	866	62		1 052.7	1988	89 12
64	5.20	0.100	0.32	0.77	95	866	62	12 000	1 639.2	1987	88 08
64	6.44	0.103	0.20	0.77	95	866	62	13 675	1 614.0	1987	88 08
64	1.80	0.110	0.29	0.69	140	856	64	18 679	1 834.5	1981	89 02
64	1.01	0.100	0.28	0.79	92	850	52		1 628.5	1987	89 09 - GPP
32	5.08	0.120	0.27	0.79	92	850	52	12 031	1 637.9	1988	89 09 - GPP
64	2.10	0.112	0.21	0.77	95	866	62	12 778	1 594.0	1987	89 10
64	2.63	0.120	0.21	0.79	75	876	60	12 362	1 616.1	1980	89 09 - GPP
336	1.83	0.090	0.40	0.72	160	839	49	19 170	1 757.8	1975	89 12 - SUSP 87 08
3 257					123	840	57	15 866	1 618.2	1979	89 12
128	1.10	0.160	0.22	0.75							
3 129	1.22	0.160	0.25	0.75							
64	3.98	0.120	0.16	0.72	140	840	64	15 637	1 579.7	1980	88 12
1 029					105	810	57	14 953	1 729.7	1979	90 02 - GPP
64	1.10	0.100	0.27	0.71							
965	0.83	0.100	0.30								
64	0.70	0.110	0.34	0.72	140	840	48	13 988	1 626.2	1981	82 08 - SUSP 85 07
64	5.80	0.150	0.16	0.75	109	888	64	15 851	1 591.0	1982	83 05
64	2.80	0.150	0.50	0.77	99	910	60	16 772	1 665.8	1984	88 12 - ABAND 89 08
64	1.10	0.120	0.43	0.77	99	879	60	16 016	1 636.8	1984	85 06 - ABAND 85 07
64	1.60	0.110	0.44	0.73	120	793	58	13 980	1 620.8	1980	85 08 - ABAND 90 03
333	2.90	0.140	0.20	0.74	115	865	69	15 550	1 769.5	1957	89 12
64	4.80	0.090	0.30	0.80	99	832	46	17 794	2 323.3	1978	81 12 - SUSP 88 06
64	2.80	0.130	0.25	0.74	116	863	67	14 728	1 561.1	1983	83 07
64	6.90	0.134	0.40	0.75	110	860	60	16 835	2 075.5	1984	85 01 - SUSP 85 03
64	1.20	0.070	0.30	0.75	115	855	60	21 103	2 243.3	1985	89 12 - SUSP 87 02
64	6.10	0.129	0.34	0.74	110	870	55	15 957	1 688.1	1987	88 01 - ABAND 88 05
64	1.40	0.130	0.24	0.81	75	895	64	17 585	1 766.9	1988	88 09 - SUSP 89 09
64	6.13	0.120	0.30	0.69	155	850	50	14 760	2 110.0	1981	83 03 - SUSP 82 08
1 510	4.90	0.140	0.39	0.74	99	870	60	15 694	1 695.7	1982	88 01 - GPP
64	17.50	0.110	0.30	0.80	91	870	37	12 993	2 298.8	1979	88 12 - GPP
64	5.20	0.130	0.30	0.80	80	848	78	19 557	2 277.1	1980	82 11
128	6.09	0.090	0.22	0.80	176	830	79	18 950	2 383.6	1982	86 12
64	4.00	0.085	0.45	0.80	83	896	70	13 237	2 082.0	1982	83 11
64	7.40	0.120	0.35	0.80	90	895	51	11 076	1 756.6	1978	89 03 - SUSP 90 01
303	2.49	0.130	0.48	0.80	92	865	50	15 579	1 737.5	1983	89 11
64	5.25	0.162	0.31	0.80	176	826	79	19 999	2 263.3	1985	85 11
64	2.00	0.150	0.50	0.80	80	860	60	16 565	1 958.5	1984	85 01 - SUSP 85 06
64	4.50	0.145	0.41	0.85	92	895	55	15 050	1 770.8	1985	86 05 - ABAND 87 09
128	4.07	0.140	0.42	0.80	90	885	44	15 625	1 783.4	1986	90 12
64	7.50	0.086	0.34	0.66	176	828	79	20 052	2 269.8	1985	86 07 - SUSP 90 02
128	9.16	0.100	0.30	0.66	176	828	79	18 086	2 279.6	1985	90 03
326	3.37	0.180	0.40	0.80	90	871	60	15 751	1 799.4	1986	88 03
64	6.72	0.087	0.29	0.80	176	828	79	22 027	2 263.5	1987	87 08
64	2.70	0.180	0.15	0.70	140	810	79	14 759	2 490.4	1978	80 11
64	2.30	0.130	0.25	0.66	176	828	79	14 775	2 454.6	1986	88 09 - ABAND 89 07
64	5.50	0.120	0.40	0.66	176	828	79	17 210	2 512.8	1981	88 11
64	6.00	0.180	0.35	0.80	77	895	63	16 688	1 920.3	1989	89 11
64	9.30	0.100	0.25	0.74	120	829	78		2 219.8	1989	89 12
64	14.00	0.090	0.30	0.75	99	832	46	17 961	2 319.5	1980	84 12
65	1.83	0.150	0.20	0.83	53	910	88	19 620	1 868.4	1960	64 04 - SUSP 69 11
32	6.10	0.094	0.36	0.84	61	915	65	14 486	1 910.3	1986	87 05 - ABAND 89 12
64	10.00	0.200	0.32	0.81	75	880	60	17 285	1 641.0	1981	82 04 - ABAND 83 01
64	9.00	0.150	0.25	0.81	88	866	32	18 684	1 585.4	1983	83 11 - ABAND 83 10
64	3.06	0.113	0.42	0.81	84	866	56	17 370	1 689.8	1984	85 07 - ABAND 89 08
64	2.00	0.120	0.21	0.81	88	866	56		1 932.0	1979	90 07 - ABAND 90 07
128	15.10	0.065	0.25	0.61	138	816	83	25 639	2 606.1	1977	90 12
64	22.10	0.050	0.22	0.66	162	811	83	17 343	2 796.0	1979	81 01 - ABAND 83 11
64	11.80	0.050	0.20	0.66	162	790	83	19 443	2 712.5	1979	84 12 - ABAND 85 08
64	30.20	0.059	0.41	0.61	210	829	84	22 635	2 587.3	1981	82 04
105	68.69	0.080	0.20	0.65	185	806	100	33 900	3 005.4	1977	88 04

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PEMBINA 048-07W5 (CONTINUED)								
NISKU B WATER FLOOD	80.0	0.20	0.15	16.0	12.0	28.0	20.1	7.9
NISKU C WATER FLOOD	2 200.0	0.30	0.20	660.0	440.0	1 100.0	744.0	356.0
NISKU D SOLVENT FLOOD	4 800.0	0.40	0.32	1 920.0	1 540.0	3 460.0	2 586.7	873.3
NISKU E WATER FLOOD	700.0	0.20	0.13	140.0	90.0	230.0	198.9	31.1
NISKU F SOLVENT FLOOD	2 100.0	0.35	0.27	735.0	565.0	1 300.0	427.0	873.0
NISKU G SOLVENT FLOOD	2 650.0	0.40	0.37	1 060.0	980.0	2 040.0	1 710.1	329.9
NISKU H WATER FLOOD	450.0	0.30	0.22	135.0	99.0	234.0	119.3	114.7
NISKU I WATER FLOOD	750.0	0.20	0.20	150.0	150.0	300.0	167.7	132.3
NISKU J WATER FLOOD	1 200.0	0.35	0.12	420.0	144.0	564.0	333.1	230.9
NISKU K SOLVENT FLOOD	2 600.0	0.40	0.40	1 040.0	1 040.0	2 080.0	1 505.2	574.8
NISKU L SOLVENT FLOOD	5 000.0	0.25	0.57	1 250.0	2 850.0	4 100.0	2 618.1	1 481.9
NISKU M SOLVENT FLOOD	2 850.0	0.40	0.35	1 140.0	998.0	2 138.0	1 523.8	614.2
NISKU N WATER FLOOD	1 600.0	0.35	0.10	560.0	160.0	720.0	386.6	333.4
NISKU O SOLVENT FLOOD	1 700.0	0.40	0.33	680.0	650.0	1 240.0	823.9	416.1
NISKU P SOLVENT FLOOD	4 250.0	0.40	0.38	1 700.0	1 615.0	3 315.0	2 230.3	1 084.7
NISKU Q SOLVENT FLOOD	2 800.0	0.40	0.44	1 120.0	1 230.0	2 350.0	1 228.7	1 121.3
NISKU R WATER FLOOD	400.0	0.30	0.18	120.0	72.0	192.0	145.7	46.3
NISKU S WATER FLOOD	700.0	0.40	0.10	280.0	70.0	350.0	274.1	75.9
NISKU T	704.0	0.20		141.0		141.0	18.3	122.7
NISKU U	290.0	0.15		43.5		43.5	2.1	41.4
NISKU V	41.8	0.20		8.4		8.4	2.3	6.1
NISKU W	163.0	0.20		32.6		32.6	1.9	30.7
PENDANT D'OREILLE 003-08W4								
MANNVILLE F	170.0	<0.01		0.2		0.2	0.2	
PENHOLD 036-27W4								
VIKING A	125.0	<0.03		3.7		3.7	3.7	
VIKING B	680.0	0.15		102.0		102.0	74.2	27.8
VIKING C	40.4	<0.01		0.1		0.1	0.1	
VIKING D	83.9	<0.01		0.4		0.4	0.4	
VIKING E	709.0	0.05		35.5		35.5	11.2	24.3
VIKING G	38.1	0.20		7.6		7.6	3.7	3.9
UPPER MANNVILLE A	66.7	0.10		6.7		6.7	2.2	4.5
LOWER MANNVILLE A	1 490.0	0.06		89.4		89.4	55.5	33.9
LOWER MANNVILLE D	206.0	0.10		20.6		20.6	2.7	17.9
LOWER MANNVILLE E	296.0	0.10		29.6		29.6	7.9	21.7
LOWER MANNVILLE F	76.9	0.10		7.6		7.6	6.2	1.4
D-2 A	408.0	<0.03		10.1		10.1	10.1	
D-2 B	163.0	0.25		40.8		40.8	8.1	32.7
D-3 A	183.0	<0.02		3.4		3.4	3.4	
PEORIA 076-01W6								
D-1 A	1 039.0	0.15		156.0		156.0	4.1	151.9
D-1 B	213.0	0.20		42.6		42.6	1.2	41.4
PINCHER CREEK 005-30W4								
LOWER MANNVILLE A	377.0	0.10		37.7		37.7	0.2	37.5
LOWER MANNVILLE B	77.6	0.10		7.8		7.8	0.2	7.6
PINE CREEK 057-19W5								
BELLY RIVER A	87.0	0.10		8.7		8.7	0.6	8.1
BELLY RIVER B	212.0	0.10		21.2		21.2	1.3	19.9
CARDIUM L	64.6	0.10		6.5		6.5	5.3	1.2
CARDIUM N	151.0	0.10		15.1		15.1	5.4	9.7
CARDIUM O	157.0	0.10		15.7		15.7	1.8	13.9
CARDIUM Q	29.3	0.10		2.9		2.9	1.1	1.8
CARDIUM T	30.1	0.10		3.0		3.0	0.2	2.8
CARDIUM H & I	6 100.0	0.10		610.0		610.0	352.3	257.7
CARDIUM J & K	22.8	0.10		2.3		2.3	1.8	0.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
34	7.47	0.085	0.26	0.50	318	780	99	30 175	2 911.0	1977	84 09 - SUSP 90 03
145	18.90	0.130	0.13	0.71	145	825	84	26 210	2 640.8	1977	89 12
143	39.00	0.120	0.10	0.80	140	841	82	25 781	2 583.7	1978	86 06
77	40.00	0.040	0.20	0.71	121	834	84	28 230	2 717.6	1977	82 09
170	16.66	0.119	0.18	0.76	89	852	83	26 640	2 550.2	1978	88 04
198	32.20	0.080	0.20	0.65	123	810	96	28 000	2 908.2	1978	89 02
76	10.12	0.095	0.12	0.70	148	833	89	27 173	2 767.7	1978	84 01
53	54.60	0.047	0.21	0.70	115	811	94	25 007	2 903.5	1978	85 08
69	52.40	0.066	0.25	0.67	142	809	90	27 730	2 791.0	1978	80 09
51	73.30	0.127	0.18	0.67	147	808	92	29 060	2 886.1	1978	87 04
253	30.10	0.105	0.12	0.71	124	821	93	28 620	2 869.7	1978	85 09
80	65.00	0.087	0.09	0.69	140	820	92	28 452	2 845.5	1978	83 07
85	29.13	0.110	0.11	0.66	164	809	88	27 460	2 757.5	1979	85 12
140	18.93	0.118	0.16	0.65	148	809	88	30 861	2 844.3	1979	87 12
170	42.34	0.103	0.09	0.63	186	800	93	28 992	2 905.0	1979	87 05
122	33.86	0.098	0.09	0.76	150	819	91	28 719	2 871.5	1980	85 05
64	10.86	0.095	0.11	0.68	148	827	89	27 299	2 762.4	1980	84 01
35	35.42	0.096	0.16	0.70	127	831	84	26 542	2 632.0	1981	84 01
64	29.86	0.060	0.11	0.69	121	834	84	26 562	2 653.5	1988	89 05
64	16.50	0.050	0.18	0.67	166	807	88	21 831	2 704.5	1989	89 10
64	2.60	0.050	0.25	0.67	166	807	88	23 289	2 685.6	1988	89 11
64	7.70	0.070	0.25	0.63	172	808	96	23 236	2 676.0	1988	90 10 - SUSP 90 07
65	2.44	0.200	0.35	0.83	80	855	38	8 270	910.4	1969	70 09 - ABAND 70 06
64	3.13	0.110	0.30	0.81	78	849	51	8 630	1 680.4	1976	79 09 - SUSP 81 12
1 078	1.25	0.100	0.36	0.79	65	850	55	8 953	1 696.2	1981	87 03
64	1.50	0.130	0.60	0.81	66	812	68	10 140	1 748.3	1983	84 09 - ABAND 84 10
64	1.30	0.180	0.30	0.80	76	820	66	10 569	1 678.4	1982	84 12 - ABAND 85 10
256	5.02	0.100	0.31	0.80	76	837	60	7 695	1 710.2	1981	88 05
64	1.50	0.070	0.30	0.81	60	831	64	7 645	1 714.5	1986	89 12
64	1.50	0.110	0.19	0.78	91	879	70	13 956	1 860.1	1988	88 08
231	7.40	0.130	0.14	0.78	91	877	69	14 760	1 885.2	1960	79 08 - GPP
64	4.00	0.120	0.14	0.78	91	830	69	16 068	1 986.5	1986	86 11
192	2.08	0.130	0.27	0.78	91	847	69	12 875	1 979.2	1985	88 03
64	2.30	0.100	0.33	0.78	91	830	69	13 393	2 035.4	1986	87 05
192	6.40	0.060	0.21	0.70	160	805	82	20 930	2 299.8	1961	83 07 - ABAND 84 01
64	9.04	0.055	0.28	0.71	154	806	83	21 101	2 303.0	1985	86 04 - SUSP 89 05
65	5.18	0.109	0.17	0.60	217	825	77	20 410	2 312.5	1968	75 12 - SUSP 75 04
32	108.30	0.050	0.19	0.74	114	875	62	24 358	2 350.2	1989	90 08
32	20.50	0.050	0.22	0.83	62	849	61	21 608	2 311.2	1989	90 10
64	11.80	0.120	0.46	0.77	95	845	65	16 036	2 922.7	1983	85 02
64	3.30	0.090	0.47	0.77	95	845	65	15 647	2 875.2	1983	85 02
64	1.80	0.130	0.30	0.83	68	837	55	7 824	1 483.5	1957	85 10 - SUSP 88 12
64	5.00	0.160	0.50	0.83	64	812	50	11 626	1 476.3	1986	88 01
64	2.20	0.087	0.15	0.62	190	821	60	19 768	1 801.7	1980	82 03
64	3.20	0.150	0.30	0.70	135	820	65	19 991	1 786.5	1981	82 02
64	4.20	0.120	0.36	0.76	185	793	86	21 727	1 956.5	1985	85 08
64	1.90	0.053	0.35	0.70	167	802	73	19 860	2 200.2	1986	88 02
64	0.80	0.120	0.30	0.70	180	795	71	19 880	1 935.4	1984	85 12
4 160	2.24	0.110	0.15	0.70	167	805	68	21 745	1 976.2	1974	82 02
64	1.20	0.050	0.15	0.70	150	824	64	22 654	2 037.2	1980	81 09 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PINE CREEK 057-19W5 (CONTINUED)								
CARDIUM P & S	389.0	0.10		38.9		38.9	27.3	11.6
SECOND WHITE SPECKS A	2 860.0	0.10		286.0	ERSO	286.0	250.2	35.8
SECOND WHITE SPECKS C	384.0	<0.01		3.3		3.3	3.3	
SECOND WHITE SPECKS D	258.0	0.15		38.7		38.7	14.8	23.9
SECOND WHITE SPECKS E	339.0	0.10		33.9		33.9	13.2	20.7
D-3 C	113.0	<0.28		31.5		31.5	31.5	
PINE NORTH-WEST 058-20W5								
SECOND WHITE SPECKS A	894.0	0.02		17.9		17.9	8.6	9.3
PINEDALE 054-16W4								
VIKING A	70.5	<0.01		0.1		0.1	0.1	
POLLOCKVILLE 026-10W4								
BANFF A	94.6	<0.01		0.1		0.1	0.1	
POUCE COUPE 080-12W6								
CHARLIE LAKE A	114.0	<0.01		0.3		0.3	0.3	
BOUNDARY A	132.0	<0.01		0.1		0.1	0.1	
HALFWAY A	153.0	<0.01		0.1		0.1	0.1	
HALFWAY B	124.0	<0.01		0.2		0.2	0.2	
HALFWAY C	845.0	0.07		60.0		60.0	29.8	30.2
HALFWAY D	458.0	0.10		45.8		45.8	2.7	43.1
DOIG A	255.0	0.10		25.5		25.5	3.8	21.7
POUCE COUPE SOUTH 078-12W6								
BOUNDARY B TOTAL	9 078.0			998.0	470.0	1 468.0	516.2	951.8
PRIMARY AREA	3 856.0	0.11		424.0		424.0		
WATER FLOOD AREA	5 222.0	0.11	0.09	574.0	470.0	1 044.0		
BOUNDARY C	133.0	0.10		13.3		13.3	12.0	1.3
BOUNDARY D	67.8	<0.03		1.5		1.5	1.5	
BOUNDARY E	113.0	0.10		11.3		11.3	5.4	5.9
BOUNDARY F	125.0	0.10		12.5		12.5	4.5	8.0
BDY A & CH LK B TOTAL	2 950.0			295.0	170.0	465.0	191.0	274.0
PRIMARY AREA	1 950.0	0.10		195.0		195.0		
WATER FLOOD AREA	998.0	0.10	0.17	99.8	170.0	270.0		
HALFWAY C	452.0	0.15		67.8		67.8	4.4	63.4
DOIG C	219.0	0.10		21.9		21.9	4.9	17.0
PREVO 039-01W5								
VIKING A	180.0	0.20		36.0		36.0	31.4	4.6
VIKING B	64.5	0.20		12.9		12.9	9.7	3.2
VIKING D	56.8	0.25		14.2		14.2	9.8	4.4
VIKING E	24.4	0.15		3.7		3.7	2.6	1.1
VIKING G	64.6	0.15		9.7		9.7	4.2	5.5
VIKING H	310.0	0.10		31.0		31.0	17.9	13.1
UPPER MANNVILLE A	106.0	0.06		6.4		6.4	5.5	0.9
UPPER MANNVILLE B	1 200.0	0.15		180.0		180.0	56.9	123.1
LOWER MANNVILLE C	359.0	0.10		35.9		35.9	15.1	20.8
LOWER MANNVILLE D	37.7	0.10		3.8		3.8	2.0	1.8
LOWER MANNVILLE E	154.0	0.10		15.4		15.4	2.1	13.3
LOWER MANNVILLE G	142.0	0.15		21.3		21.3	15.2	6.1
PEKISKO A	170.0	0.10		17.0		17.0	6.3	10.7
PROGRESS 077-09W6								
DOE CREEK A	6 245.0	0.05		312.0		312.0	134.6	177.4
CHARLIE LAKE A	87.7	<0.01		0.1		0.1	0.1	
CHARLIE LAKE B	14.5	0.10		1.5		1.5	0.4	1.1
CHARLIE LAKE C	164.0	0.05		8.2		8.2	1.3	6.9
CHARLIE LAKE E	122.0	<0.01		0.3		0.3	0.3	
CHARLIE LAKE F	92.9	0.10		9.3		9.3	1.4	7.9
CHARLIE LAKE G	1 250.0	0.10		125.0		125.0	30.9	94.1
CHARLIE LAKE I	196.0	0.10		19.6		19.6	6.6	13.0

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
960	1.37	0.070	0.34	0.64	185	793	86	22 082	2 134.0	1981	89 03
1 066	10.00	0.042	0.10	0.71	127	815	77	27 188	2 263.7	1973	79 01
64	6.50	0.200	0.35	0.71	140	833	63	24 033	1 878.5	1981	89 12 - SUSP 87 07
64	15.00	0.042	0.10	0.71	123	839	79	27 286	2 051.7	1987	88 02 - GPP
64	20.00	0.042	0.10	0.70	127	817	77	16 341	2 010.5	1988	90 11 - GPP
64	5.23	0.063	0.15	0.63	204	801	107	32 010	3 304.2	1959	76 05 - ABAND 79 08
128	15.40	0.070	0.19	0.80	78	806	68	20 480	1 868.7	1975	88 11 - GPP
64	1.20	0.170	0.40	0.90	38	856	33	4 741	645.4	1982	83 07 - SUSP 83 09
64	4.00	0.060	0.30	0.88	50	878	43	9 946	1 022.0	1988	88 10 - ABAND 88 06
64	3.10	0.150	0.49	0.75	95	826	70	12 976	1 596.6	1984	85 03 - SUSP 85 09
64	4.00	0.080	0.14	0.75	100	855	60	10 905	1 598.0	1982	85 11 - SUSP 85 06
65	3.54	0.098	0.15	0.80	85	855	70	16 200	1 688.6	1975	78 09 - SUSP 75 03
64	4.80	0.101	0.50	0.80	74	840	55	16 652	1 688.0	1980	82 06 - SUSP 84 04
580	2.93	0.094	0.34	0.80	74	840	56	15 695	1 637.4	1983	90 06 - GPP
64	9.20	0.120	0.19	0.80	75	847	60	13 899	1 593.4	1985	86 11 - SUSP 88 09
64	7.00	0.100	0.25	0.76	102	847	61	14 363	1 613.4	1985	86 11
3 650					135	826	75	16 720	1 862.8	1980	89 02
1 840	2.59	0.130	0.17	0.75							
1 810	3.36	0.130	0.12	0.75							
64	1.80	0.170	0.14	0.79	76	834	70	16 633	1 832.6	1973	82 12
64	1.30	0.120	0.14	0.79	76	834	70	16 695	1 819.4	1973	89 12 - SUSP 87 01
64	3.40	0.090	0.27	0.79	82	834	60	16 370	1 776.1	1981	83 01
64	2.70	0.110	0.18	0.80	70	847	70	16 572	1 795.9	1984	84 11
1 110					93	834	70	16 408	1 780.7	1970	85 12
720	3.53	0.120	0.19	0.79							
390	2.77	0.136	0.14	0.79							
64	13.93	0.094	0.30	0.77	117	818	68	19 888	1 956.6	1988	89 09
64	4.50	0.130	0.22	0.75	100	866	59	20 105	2 001.0	1985	86 05
465	0.69	0.090	0.25	0.83	58	827	58	9 634	1 697.7	1984	90 12
128	1.35	0.060	0.25	0.83	58	827	58	9 470	1 810.1	1984	87 11 - GPP
64	1.50	0.095	0.25	0.83	58	814	58	8 853	1 730.4	1986	87 10
64	0.80	0.080	0.30	0.85	58	831	59	9 804	1 671.3	1985	88 12
128	1.35	0.060	0.25	0.83	58	827	58	9 438	2 803.9	1984	87 11 - SUSP 89 09
311	2.50	0.070	0.33	0.85	58	831	59	13 495	1 752.7	1984	88 10
64	2.42	0.130	0.25	0.70	89	870	66	16 200	1 940.7	1976	84 12 - GPP
168	8.80	0.130	0.21	0.79	90	897	65	15 786	1 841.0	1985	89 11
64	8.00	0.120	0.27	0.80	85	925	19	15 725	1 877.7	1985	86 04
64	1.10	0.100	0.37	0.85	57	887	50	15 561	1 832.9	1987	88 06
64	4.00	0.110	0.31	0.79	88	891	70	15 790	1 933.0	1988	89 01
64	3.20	0.120	0.27	0.79	90	897	66	13 482	1 825.8	1985	89 11 - GPP
64	3.20	0.125	0.20	0.83	65	931	73	11 063	2 008.4	1973	86 11
2 178	1.80	0.236	0.25	0.90	12	836	25	1 689	321.0	1985	89 04
64	2.40	0.100	0.32	0.84	67	813	62	13 268	1 681.2	1982	83 08 - SUSP 84 08
64	0.70	0.070	0.40	0.77	80	850	60	12 935	1 667.1	1983	85 08
210	1.60	0.113	0.44	0.77	80	850	60	12 893	1 663.8	1983	90 11
64	3.70	0.100	0.33	0.77	64	835	54	13 407	1 642.2	1983	89 12 - SUSP 86 06
64	4.10	0.100	0.54	0.77	64	849	67	13 461	1 648.5	1982	85 08 - SUSP 89 07
320	4.23	0.150	0.20	0.77	80	836	60	14 172	1 654.0	1982	85 09
64	3.20	0.160	0.18	0.73	118	825	55	12 481	1 681.4	1982	86 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PROGRESS 077-09W6 (CONTINUED)								
CHARLIE LAKE J	138.0	0.10		13.8		13.8	1.6	12.2
CHARLIE LAKE K	173.0	0.10		17.3		17.3	4.4	12.9
CHARLIE LAKE L	269.0	<0.01		0.5		0.5	0.5	
BOUNDARY A	19.4	0.10		1.9		1.9	0.6	1.3
HALFWAY B	6 311.0	0.10		631.0		631.0	251.5	379.5
HALFWAY C	405.0	0.10		40.5		40.5	0.6	39.9
HALFWAY E	350.0	0.15		52.5		52.5	40.6	11.9
HALFWAY H	71.5	0.15		10.7		10.7	0.4	10.3
HALFWAY I	74.7	0.15		11.2		11.2	1.2	10.0
HALFWAY J	1 106.0	0.15		166.0		166.0	54.9	111.1
HALFWAY K	320.0	0.10		32.0		32.0	0.1	31.9
HALFWAY M	182.0	0.04		7.3		7.3	3.5	3.8
HALFWAY O	1 682.0	0.20		336.0		336.0	60.7	275.3
HALFWAY P WATER FLOOD	1 480.0	0.15	0.20	222.0	296.0	518.0	85.5	432.5
HALFWAY R	489.0	0.15		73.4		73.4	7.3	66.1
DOIG A	1 592.0	0.01		15.9		15.9	5.1	10.8
PROVOST 036-07W4								
VIKING P	180.0	0.05		9.0		9.0	2.7	6.3
VIKING V	170.0	0.15		25.5		25.5	17.9	7.6
VIKING GG	106.0	<0.01		0.2		0.2	0.2	
VIKING RR	61.7	0.10		6.2		6.2	3.3	2.9
VIKING UU	13.9	<0.01		0.1		0.1	0.1	
VIKING CAK & MANNVILLE E TOTAL	93 000.0			5 284.0	5 461.0	10 750.0	8 281.4	2 468.6
PRIMARY AREA	39 100.0	0.08		3 128.0		3 128.0		
WATER FLOOD AREA	53 900.0	0.04	0.10	2 156.0	5 461.0	7 617.0		
VIKING GGG	55.9	<0.01		0.1		0.1	0.1	
BLAIRMORE	2 630.0	0.12		316.0		316.0	242.3	73.7
BLAIRMORE B	4 276.0	0.25		1 069.0		1 069.0	852.3	216.7
MANNVILLE H	535.0	0.05		26.8		26.8	19.1	7.7
MANNVILLE I	745.0	0.03		22.4		22.4	11.8	10.6
MANNVILLE L	3 308.0	0.10		331.0		331.0	106.0	225.0
MANNVILLE S	255.0	0.20		51.0		51.0	9.6	41.4
MANNVILLE T	190.0	0.02		3.8		3.8	2.5	1.3
MANNVILLE CC	204.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE E2E, & LOWER MANN FF	178.0	0.01		1.8		1.8	0.6	1.2
UPPER MANNVILLE OOO	2 650.0	0.10		265.0		265.0	60.3	204.7
UPPER MANNVILLE Y2Y	393.0	0.05		19.6		19.6	2.0	17.6
UPPER MANNVILLE Z2Z	536.0	0.05		26.8		26.8	2.8	24.0
UPPER MANNVILLE F3F	493.0	0.02		9.9		9.9	3.0	6.9
LLOYDMINSTER A	684.0	0.03		20.5		20.5	7.3	13.2
LLOYDMINSTER D	1 780.0	0.10		178.0		178.0	52.0	126.0
LLOYDMINSTER G	100.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER H	120.0	0.10		12.0		12.0	8.7	3.3
LLOYDMINSTER I	60.5	0.05		3.0		3.0	1.1	1.9
LLOYDMINSTER J	35.4	0.10		3.5		3.5	2.2	1.3
LLOYDMINSTER L	95.5	<0.01		0.8		0.8	0.8	
LLOYDMINSTER M	49.9	0.10		5.0		5.0	3.8	1.2
LLOYDMINSTER N	248.0	0.05		12.4		12.4	0.5	11.9
LLOYDMINSTER O TOTAL	8 063.0			806.0	1 227.0	2 033.0	917.3	1 115.7
PRIMARY AREA	1 928.0	0.10		193.0		193.0		
WATER FLOOD AREA	6 135.0	0.10	0.20	613.0	1 227.0	1 840.0		
LLOYDMINSTER P	36.8	0.10		3.7		3.7	1.7	2.0
LLOYDMINSTER Q	40.7	0.10		4.1		4.1	0.1	4.0
LLOYDMINSTER R	503.0	0.05		25.2		25.2	7.1	18.1
LLOYDMINSTER S	102.0	0.10		10.2		10.2	7.6	2.6
LLOYDMINSTER U	493.0	0.05		24.6		24.6	5.8	18.8
LLOYDMINSTER V	190.0	0.05		9.5		9.5	2.7	6.8
LLOYDMINSTER X	31.1	<0.02		0.4		0.4	0.4	
LLOYDMINSTER Y	121.0	0.10		12.1		12.1	4.1	8.0
LLOYDMINSTER Z	195.0	<0.01		0.6		0.6	0.6	
LLOYDMINSTER AA	1 259.0	0.10		126.0		126.0	32.0	94.0
LLOYDMINSTER CC	85.2	0.10		8.5		8.5	0.6	7.9
LLOYDMINSTER II	83.0	0.10		8.3		8.3		8.3
LOWER MANNVILLE A	226.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE D	257.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE L	72.9	0.15		10.9		10.9	7.0	3.9
LOWER MANNVILLE W	430.0	0.02		8.6		8.6	4.4	4.2

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 [illegible] YEAR	20 DATE LAST REVISED AND REMARKS
64	3.00	0.120	0.20	0.75	123	827	60	14 146	1 805.5	1985	86 02 - SUSP 88 04
65	2.80	0.170	0.14	0.66	150	813	62	18 632	1 827.0	1985	87 12
64	3.50	0.180	0.11	0.75	96	825	54	14 050	1 648.3	1985	87 12 - SUSP 86 04
64	0.60	0.080	0.21	0.80	68	840	72	15 591	1 826.0	1984	85 07 - SUSP 87 11
896	13.63	0.100	0.32	0.76	112	844	70	17 555	1 909.4	1976	86 11
64	11.43	0.091	0.20	0.76	112	840	70	16 514	1 906.8	1984	85 05
40	10.36	0.150	0.12	0.64	191	805	67	20 538	1 840.3	1981	90 07
64	3.00	0.070	0.30	0.76	120	836	60	20 317	1 743.6	1984	86 04
64	1.90	0.150	0.37	0.65	185	812	60	16 501	1 730.8	1984	86 04
192	7.41	0.140	0.25	0.74	126	821	60	16 653	1 729.1	1985	89 03
65	9.50	0.100	0.32	0.76	112	839	70	16 047	1 919.0	1985	86 08
64	3.87	0.148	0.32	0.73	185	820	58	17 029	1 763.5	1986	89 10 - GPP
448	4.21	0.160	0.13	0.64	191	801	67	20 582	1 776.0	1986	88 05
422	4.94	0.139	0.30	0.73	96	825	50	16 938	1 683.9	1987	90 12
376	2.40	0.090	0.14	0.70	129	824	41	17 223	1 695.5	1988	89 10
128	21.90	0.090	0.16	0.75	94	830	70	16 908	1 892.2	1982	87 12
64	2.77	0.180	0.40	0.94	27	849	29	5 930	900.4	1977	85 12 - GPP
80	1.80	0.220	0.43	0.94	24	851	32	5 830	832.0	1976	87 12
64	2.20	0.160	0.50	0.94	23	858	32	6 009	842.5	1979	83 12 - SUSP 83 03
64	1.20	0.190	0.55	0.94	20	868	31	5 587	825.7	1976	83 08 - GPP
64	0.70	0.060	0.45	0.94	22	851	38	5 447	808.9	1984	85 11 - ABAND 87 12
65 606					25	855	36	5 720	891.5	1946	86 12 - GPP
32 086	1.56	0.260	0.68	0.94							SW=(SW=.50 + SG=.18)=.68
33 520	1.36	0.252	0.50	0.94							SW=(SW=.37 + SG=.13)=.50
64	1.22	0.130	0.40	0.91	38	857	37	5 940	757.4	1978	78 11 - SUSP 82 04
516	2.70	0.270	0.24	0.92	28	892	33	6 068	873.4	1958	88 07 - GPP
581	3.60	0.290	0.25	0.94	27	892	33	6 340	944.0	1958	89 12 - GPP
129	2.44	0.290	0.35	0.90	25	887	27	6 170	817.4	1972	89 03 - GPP
256	2.34	0.220	0.35	0.87	62	870	28	6 120	843.9	1973	88 06 - GPP
475	3.76	0.250	0.22	0.95	21	900	28	5 990	827.8	1976	89 12 - GPP
16	9.20	0.260	0.29	0.94	25	910	37	5 740	787.3	1976	89 12 - GPP
64	3.23	0.200	0.49	0.90	35	876	30	6 095	877.4	1977	86 02
64	2.54	0.220	0.40	0.95	18	881	30	7 216	851.8	1979	82 12 - SUSP 80 06
64	3.20	0.170	0.40	0.85	24	872	41	7 276	1 156.1	1974	88 12
875	2.40	0.230	0.39	0.90	32	892	33	6 634	962.8	1984	90 11
200	4.70	0.180	0.73	0.86	55	874	38	6 371	1 150.8	1984	87 04 - SUSP 87 10
32	12.37	0.230	0.36	0.92	32	916	32	6 744	961.8	1982	89 04
64	6.90	0.230	0.50	0.97	25	882	31	5 775	805.1	1985	87 12
64	7.70	0.220	0.35	0.97	38	880	17	6 205	805.1	1979	82 12 - GPP
480	2.62	0.260	0.42	0.94	28	870	30	5 548	787.2	1983	84 12
16	3.50	0.330	0.40	0.90	42	964	30	6 165	905.8	1984	84 11 - ABAND 84 09
32	2.00	0.300	0.30	0.90	27	902	28	5 179	791.0	1984	84 11
32	1.00	0.300	0.30	0.90	42	902	30	5 094	789.0	1984	84 05
32	0.70	0.270	0.35	0.90	42	902	30	4 906	792.7	1984	84 05
16	3.70	0.280	0.40	0.96	25	937	30	5 568	782.9	1984	85 03 - ABAND 87 11
24	1.10	0.300	0.30	0.90	30	902	29	5 510	780.9	1984	88 12
48	3.01	0.300	0.41	0.97	11	970	30	5 598	790.9	1984	88 01 - SUSP 88 09
1 142					17	911	28	5 195	800.9	1975	90 09
213	3.67	0.310	0.17	0.96							
929	3.17	0.270	0.18	0.94							- GPP
16	1.20	0.300	0.29	0.90	25	902	26	4 975	759.1	1984	89 12
16	1.30	0.320	0.32	0.90	43	900	27	4 967	782.9	1984	86 08
64	4.30	0.290	0.35	0.97	15	880	28	5 538	811.7	1986	86 11
16	3.60	0.300	0.37	0.94	22	905	27	5 537	785.0	1985	87 08
64	4.91	0.300	0.12	0.95	11	904	28	4 246	794.0	1987	89 05
32	2.60	0.300	0.20	0.95	21	900	28	5 596	774.3	1987	88 02
16	1.00	0.300	0.28	0.90	28	947	34	4 614	784.0	1987	88 02 - ABAND 88 06
64	1.16	0.290	0.40	0.94	22	905	27	4 735	782.6	1987	88 08
32	4.20	0.280	0.45	0.94	22	905	27	5 577	787.9	1987	88 08 - ABAND 90 08
235	3.23	0.280	0.37	0.94	22	905	27	6 157	777.8	1988	89 10
16	3.00	0.280	0.34	0.96	10	918	31	6 148	770.0	1988	89 05
32	2.00	0.270	0.50	0.96	10	918	31		801.3	1989	90 04
64	4.31	0.130	0.30	0.90	43	874	38	7 171	976.9	1977	78 08 - ABAND 78 06
64	3.40	0.200	0.35	0.91	35	892	32	6 770	1 000.8	1978	83 12 - SUSP 81 12
64	1.00	0.230	0.45	0.90	42	861	32	6 878	1 030.5	1980	87 12 - GPP
64	5.30	0.240	0.45	0.96	15	865	30	7 036	1 049.2	1982	86 12 - SUSP 90 08

TABLE 2-6

FIELD / POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PROVOST 036-07W4 (CONTINUED)								
LOWER MANNVILLE AA	134.0	0.15		20.1		20.1	12.2	7.9
LOWER MANNVILLE BB	166.0	0.05		8.3		8.3	6.0	2.3
LOWER MANNVILLE NN	154.0	<0.02		2.5		2.5	2.5	
LOWER MANNVILLE RR	224.0	0.05		11.2		11.2	2.5	8.7
LOWER MANNVILLE PP & D-2 B	222.0	0.03		6.7		6.7	0.7	6.0
ELLERSLIE C	147.0	<0.01		0.4		0.4	0.4	
ELLERSLIE D	1 559.0	0.20		312.0		312.0	141.7	170.3
ELLERSLIE E	52.8	<0.01		0.1		0.1	0.1	
ELLERSLIE G	92.8	0.20		18.6		18.6	8.9	9.7
ELLERSLIE H	200.0	0.10		20.0		20.0	0.5	19.5
ELLERSLIE I	239.0	0.05		11.9		11.9	0.8	11.1
ELLERSLIE J	93.4	0.10		9.3		9.3	1.5	7.8
ELLERSLIE K	1 164.0	0.15		175.0		175.0	25.5	149.5
ELLERSLIE L	645.0	0.25		161.0		161.0	92.1	68.9
ELLERSLIE M	68.5	0.15		10.3		10.3	0.3	10.0
DETRITAL A	193.0	0.10		19.3		19.3	3.5	15.8
D-1 A	20.7	0.10		2.1		2.1	0.1	2.0
D-2 A	119.0	<0.01		1.0		1.0	1.0	
PUSKWASKAU 074-01W6								
D-2 A	124.0	0.25		31.0		31.0	10.9	20.1
D-3 A	459.0	0.25		115.0		115.0	48.9	66.1
D-3 B	131.0	0.10		13.1		13.1	0.4	12.7
QUEENSTOWN 019-22W4								
ELLERSLIE A	49.7	<0.01		0.1		0.1	0.1	
ELLERSLIE B	141.0	0.10		14.1		14.1	9.8	4.3
ELLERSLIE C	55.7	0.01		0.6		0.6	0.6	
RACOSTA 031-11W4								
VIKING A	94.3	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE A	276.0	0.03		8.3		8.3	1.4	6.9
UPPER MANNVILLE B	243.0	0.10		24.3		24.3	0.2	24.1
BASAL QUARTZ A	750.0	0.10		75.0		75.0	35.1	39.9
RAINBOW 109-05W6								
SLAVE POINT B	373.0	0.10		37.3		37.3	11.1	26.2
SULPHUR POINT B TOTAL	4 000.0			478.0	556.0	1 034.0	248.2	785.8
PRIMARY AREA	1 220.0	0.05		61.0		61.0		
WATER FLOOD AREA	2 780.0	0.15	0.20	417.0	556.0	973.0		
SULPHUR POINT C	642.0	0.06		38.5		38.5	32.7	5.8
SULPHUR POINT E	127.0	<0.01		0.1		0.1	0.1	
SULPHUR POINT L	130.0	0.10		13.0		13.0	5.9	7.1
SULPHUR POINT O	604.0	<0.10		59.5		59.5	59.5	
SULPHUR POINT R	162.0	0.05		8.1		8.1	0.3	7.8
MUSKEG A	639.0	<0.08		45.3		45.3	45.3	
MUSKEG B	54.7	<0.13		6.7		6.7	6.7	
MUSKEG C WATER FLOOD	3 000.0	0.30	0.05	900.0	150.0	1 050.0	559.2	490.8
MUSKEG D	300.0	<0.02		5.9		5.9	5.9	
MUSKEG F	3 180.0	0.15		477.0		477.0	326.1	150.9
MUSKEG G	159.0	<0.04		5.5		5.5	5.5	
MUSKEG J	248.0	0.08		19.8		19.8	13.8	6.0
MUSKEG K WATER FLOOD	705.0	0.15	0.15	106.0	106.0	212.0	68.1	143.9
MUSKEG M	632.0	0.10		63.2		63.2	17.5	45.7
MUSKEG N	2 473.0	0.15		371.0		371.0	78.0	293.0
MUSKEG O	6 280.0	0.13		816.0		816.0	287.6	528.4
MUSKEG P	135.0	0.15		20.3		20.3	6.2	14.1
MUSKEG R	52.5	<0.01		0.1		0.1	0.1	
MUSKEG S WATER FLOOD	2 000.0	0.15		400.0	300.0	700.0	307.3	392.7
MUSKEG T	493.0	0.15		74.0		74.0	34.0	40.0
MUSKEG Y	900.0	0.10		90.0		90.0	17.1	72.9
MUSKEG Z	124.0	0.15		18.6		18.6	2.0	16.6
MUSKEG AA	290.0	0.15		43.5		43.5	5.1	38.4
MUSKEG BB	151.0	0.15		22.7		22.7	11.0	11.7
MUSKEG CC	114.0	0.15		17.1		17.1	2.3	14.8
MUSKEG EE	113.0	0.15		17.0		17.0	4.4	12.6
MUSKEG FF	254.0	0.20		50.8		50.8		50.8
MUSKEG GG	185.0	0.30		55.5		55.5		55.5

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
60	2.20	0.200	0.45	0.92	33	871	31	6 765	1 051.6	1984	90 12
32	3.66	0.240	0.36	0.92	20	877	29	7 250	1 052.6	1985	90 12
16	7.10	0.220	0.25	0.82	28	949	37	6 358	965.8	1983	89 12 - SUSP 86 03
32	4.20	0.220	0.22	0.97	7	915	27	5 727	884.2	1972	90 12 - GPP
64	4.65	0.240	0.35	0.90	37	889	41	6 374	1 054.6	1986	88 08 - SUSP 90 01
64	3.00	0.173	0.52	0.92	37	897	21	6 419	963.5	1985	89 12 - SUSP 87 08
192	4.97	0.240	0.26	0.92	32	912	34	6 490	965.8	1982	89 12 - GPP
64	1.40	0.160	0.60	0.92	31	864	30	7 467	1 072.5	1986	87 05 - ABAND 88 05
16	3.98	0.210	0.27	0.95	16	909	34	6 606	1 044.8	1987	89 05 - GPP
16	8.00	0.200	0.17	0.94	28	924	31	6 288	990.5	1988	88 06 - GPP
32	4.60	0.230	0.25	0.94	28	924	31		985.7	1988	89 03 - SUSP 90 01
16	4.50	0.230	0.40	0.94	28	924	31		1 047.0	1988	89 03
80	7.02	0.290	0.24	0.94	37	899	35	6 109	985.0	1988	90 12 - GPP
107	3.82	0.220	0.26	0.97	9	888	34	6 715	1 030.1	1989	90 02 - GPP
16	3.00	0.220	0.31	0.94	28	924	31	6 871	1 030.5	1989	89 11
32	4.22	0.230	0.36	0.97	9	935	28	7 042	1 050.9	1988	89 04
64	2.20	0.030	0.45	0.89	41	903	41	7 908	1 016.2	1980	84 05
65	5.49	0.070	0.40	0.80	25	855	40		1 131.4	1973	76 12 - SUSP 75 12
64	7.00	0.060	0.19	0.57	246	822	88	27 608	2 610.0	1983	90 11
100	14.10	0.070	0.17	0.56	247	825	82	28 498	2 684.4	1983	90 12
64	8.00	0.052	0.22	0.63	212	801	80	28 702	2 722.7	1987	88 12
64	2.00	0.090	0.48	0.83	83	838	45	13 503	1 463.2	1987	88 07 - ABAND 89 11
64	2.15	0.160	0.20	0.80	80	861	45	12 153	1 388.0	1963	79 12 - GPP
64	0.80	0.200	0.36	0.85	59	877	41	12 654	1 452.5	1989	89 09 - ABAND 90 03
64	2.47	0.134	0.50	0.89	37	852	27	7 795	895.1	1980	84 12 - SUSP 82 02
64	4.50	0.180	0.38	0.86	55	871	39	5 707	1 048.4	1981	89 12
64	4.00	0.180	0.38	0.85	64	871	38	7 442	1 048.2	1978	86 07
256	2.54	0.240	0.44	0.86	65	868	36	8 755	1 079.1	1979	82 09
64	9.80	0.110	0.40	0.90	45	854	40	12 550	1 241.6	1970	84 03
733					101	834	72	14 730	1 543.5	1967	90 06
271	8.93	0.091	0.22	0.71							
462	11.90	0.091	0.22	0.71							
192	5.37	0.100	0.18	0.76	121	839	68	15 355	1 595.4	1965	87 09 - GPP
65	6.10	0.055	0.25	0.78	89	849	74	14 560	1 636.5	1967	71 03 - SUSP 71 03
65	5.79	0.080	0.45	0.79	75	844	94	15 310	1 671.8	1969	78 01 - GPP
41	17.37	0.112	0.09	0.83	65	839	81	16 980	1 739.3	1967	89 12 - ABAND 87 09
64	6.00	0.065	0.21	0.82	76	838	68		1 618.3	1989	90 12
119	7.22	0.097	0.08	0.83	56	844	86	15 440	1 762.7	1966	88 12 - ABAND 86 09
16	11.43	0.050	0.20	0.74	107	820	82	15 500	1 659.9	1966	76 12 - SUSP 76 11
450	11.60	0.089	0.15	0.76	92	834	84	16 580	1 580.1	1967	89 05
81	9.14	0.060	0.10	0.75	105	834	77	14 586	1 625.5	1967	84 12 - SUSP 83 07
970	9.14	0.057	0.15	0.74	103	825	88	15 480	1 639.5	1965	76 08 - GPP
81	5.76	0.050	0.15	0.80	56	834	86	14 550	1 604.2	1967	79 04 - ABAND 79 04
81	6.10	0.080	0.15	0.74	108	825	88	16 045	1 727.0	1973	90 07 - GPP
87	13.40	0.080	0.10	0.84	129	884	82	16 984	1 717.1	1977	90 02
128	15.80	0.050	0.20	0.78	87	845	84	15 333	1 799.0	1982	89 09
512	11.05	0.065	0.17	0.81	62	834	86	15 000	1 864.0	1982	87 08
704	17.47	0.075	0.17	0.82	57	835	80	18 618	1 838.3	1968	85 05 - GPP
64	5.80	0.060	0.20	0.76	85	828	84	16 304	1 804.0	1965	84 08
64	3.00	0.060	0.40	0.76	95	838	85	14 670	1 621.5	1984	88 12 - SUSP 85 03
189	14.00	0.100	0.10	0.84	50	829	82	17 683	1 777.9	1967	88 04
103	11.86	0.060	0.20	0.84	56	833	81	20 690	1 866.7	1968	87 12 - GPP
297	6.03	0.073	0.16	0.82	60	835	80	20 994	1 775.5	1984	87 05
32	7.70	0.076	0.12	0.75	99	825	88	17 002	1 728.5	1970	90 03
64	10.00	0.070	0.20	0.81	62	840	86	9 377	1 837.4	1986	86 10
64	4.20	0.080	0.10	0.78	140	840	87	16 929	1 761.0	1984	86 10
64	4.90	0.060	0.12	0.69	129	840	82	20 776	1 723.0	1983	86 10 - SUSP 90 04
64	7.30	0.045	0.22	0.69	129	856	82	16 327	1 752.8	1987	87 12
64	7.00	0.090	0.16	0.75	99	825	88		1 804.8	1989	90 08
64	5.00	0.100	0.22	0.74	107	821	82	14 060	1 669.6	1967	90 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
RAINBOW 109-05W6 (CONTINUED)								
KEG RIVER A SOLVENT FLOOD	14 300.0	0.50	0.38	7 150.0	5 430.0	12 600.0	9 421.8	3 178.2
KEG RIVER B SOLVENT FLOOD	43 000.0	0.40	0.32	17 200.0	13 600.0	30 800.0	20 320.9	10 479.1
KEG RIVER D SOLVENT FLOOD	1 130.0	0.40	0.25	452.0	282.5	734.5	604.6	129.9
KEG RIVER E SOLVENT FLOOD	3 450.0	0.35	0.28	1 208.0	966.0	2 174.0	2 054.4	119.6
KEG RIVER F WATER FLOOD	31 800.0	0.53	0.07	16 900.0	2 220.0	19 100.0	16 550.6	2 549.4
KEG RIVER G SOLVENT FLOOD	2 380.0	0.40	0.37	953.0	882.0	1 840.0	1 558.8	281.2
KEG RIVER H SOLVENT FLOOD	2 350.0	0.40	0.35	938.0	821.0	1 760.0	1 504.5	255.5
KEG RIVER I WATER FLOOD	7 300.0	0.37	0.06	2 760.0	489.0	3 250.0	2 661.9	588.1
KEG RIVER K	2 100.0	0.35		735.0		735.0	596.7	138.3
KEG RIVER M	477.0	0.27		129.0		129.0	118.1	10.9
KEG RIVER N GAS FLOOD	2 300.0	0.30	0.13	690.0	310.0	1 000.0	891.3	108.7
KEG RIVER O SOLVENT FLOOD	6 210.0	0.40	0.40	2 480.0	2 480.0	4 960.0	3 882.5	1 077.5
KEG RIVER P	795.0	0.22		175.0		175.0	163.7	11.3
KEG RIVER Q	3 820.0	0.25		95.5		95.5	12.6	82.9
KEG RIVER R	71.0	<0.06		3.9		3.9	3.9	
KEG RIVER S	2 110.0	0.38		802.0		802.0	644.9	157.1
KEG RIVER T SOLVENT FLOOD	3 500.0	0.42	0.33	1 470.0	1 155.0	2 625.0	1 828.5	796.5
KEG RIVER U	3 250.0	0.26		845.0		845.0	792.9	52.1
KEG RIVER V	84.7	<0.01		0.4		0.4	0.4	
KEG RIVER W	340.0	0.15		51.0		51.0	30.4	20.6
KEG RIVER X	636.0	0.50		318.0		318.0	265.7	52.3
KEG RIVER Y	28.5	<0.06		1.5		1.5	1.5	
KEG RIVER Z SOLVENT FLOOD	1 676.0	0.32	0.34	536.0	570.0	1 106.0	1 074.1	31.9
KEG RIVER AA SOLVENT FLOOD	11 000.0	0.45	0.25	4 950.0	2 750.0	7 700.0	6 890.1	809.9
KEG RIVER DD	585.0	0.15		87.8		87.8	83.9	3.9
KEG RIVER EE WATER FLOOD	2 780.0	0.35	0.23	973.0	639.0	1 610.0	1 376.1	233.9
KEG RIVER FF SOLVENT FLOOD	2 500.0	0.42	0.31	1 050.0	775.0	1 825.0	1 363.1	461.9
KEG RIVER GG	1 786.0	0.50		893.0		893.0	677.0	216.0
KEG RIVER HH	742.0	<0.01		3.2		3.2	3.2	
KEG RIVER II SOLVENT FLOOD	3 490.0	0.45	0.20	1 570.0	700.0	2 270.0	1 816.6	453.4
KEG RIVER JJ WATER FLOOD	1 360.0	<0.43	0.12	583.0	164.0	747.0	506.6	240.4
KEG RIVER KK WATER FLOOD	787.0	0.20	0.10	157.0	78.7	236.0	207.5	28.5
KEG RIVER LL	1 590.0	0.25		398.0		398.0	260.2	137.8
KEG RIVER MM	1 840.0	0.35		644.0		644.0	261.7	382.3
KEG RIVER NN	679.0	0.25		170.0		170.0	110.4	59.6
KEG RIVER OO WATER FLOOD	2 840.0	0.40	0.10	1 136.0	284.0	1 420.0	890.7	529.3
KEG RIVER PP TOTAL	953.0			334.0	44.4	379.0	277.5	101.5
PRIMARY AREA	400.0	0.20		80.0		80.0		
WATER FLOOD AREA	553.0	0.46	0.08	254.0	44.4	299.0		
KEG RIVER QQ WATER FLOOD	1 210.0	0.35	0.18	423.0	218.0	641.0	395.3	245.7
KEG RIVER RR WATER FLOOD	413.0	0.40	0.13	165.0	53.7	219.0	203.9	15.1
KEG RIVER SS	477.0	0.20		95.4		95.4	47.6	47.8
KEG RIVER TT	41.5	<0.02		0.5		0.5	0.5	
KEG RIVER VV WATER FLOOD	319.0	0.36	0.11	115.0	35.1	150.0	133.4	16.6
KEG RIVER WW	477.0	0.20		95.4		95.4	59.8	35.6
KEG RIVER XX	183.0	0.35		64.1		64.1	27.3	36.8
KEG RIVER ZZ	300.0	0.40		120.0		120.0	112.1	7.9
KEG RIVER BBB	600.0	0.30		180.0		180.0	91.5	88.5
KEG RIVER CCC	556.0	0.35		195.0		195.0	148.7	46.3

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
253	90.22	0.101	0.10	0.69	141	811	84	18 090	1 944.9	1965	70 02 - I.S. NO. 1
1 090	69.12	0.080	0.13	0.82	62	834	85	17 170	1 820.0	1965	84 07 - GPP
34	46.32	0.100	0.08	0.78	77	825	82	17 780	1 923.3	1966	87 04 - I.S. NO. 1
55	79.83	0.117	0.08	0.73	95	829	83	17 130	1 808.4	1966	87 05 - I.S. NO. 1
1 644	73.30	0.045	0.15	0.69	135	815	85	17 480	1 855.6	1966	75 05
65	68.58	0.080	0.08	0.72	85	829	83	17 860	1 874.8	1966	67 12 - I.S. NO. 1
19	176.00	0.094	0.08	0.80	78	829	84	20 350	1 893.1	1966	83 04 - I.S. NO. 1
415	53.00	0.055	0.15	0.71	122	820	79	16 450	1 739.2	1966	89 09
511	25.70	0.030	0.28	0.74	106	815	88	15 890	1 786.7	1966	88 03
106	16.40	0.047	0.22	0.75	106	797	84	15 620	1 680.1	1966	86 12 - GPP
422	25.61	0.037	0.25	0.77	87	815	84	15 860	1 839.8	1966	87 11 - I.S. NO. 2
281	61.26	0.060	0.13	0.69	135	815	84	16 550	1 845.0	1966	68 02 - I.S. NO. 1
40	33.71	0.085	0.11	0.77	88	834	83	16 730	1 875.7	1967	86 12 - GPP
64	18.87	0.073	0.15	0.51	295	765	82		1 791.9	1967	88 10
20	12.19	0.045	0.20	0.80	76	855	87	15 550	1 727.3	1967	78 10 - ABAND 80 10
342	17.75	0.055	0.19	0.78	87	825	85	15 480	1 734.9	1966	84 12 - GPP
90	63.44	0.086	0.12	0.81	78	844	86	16 690	1 769.4	1967	87 08 - I.S. NO. 2
244	27.10	0.074	0.16	0.79	79	844	88	15 560	1 738.0	1966	80 07
65	5.49	0.048	0.29	0.70	99	844	87	14 960	1 502.4	1966	68 05 - SUSP 68 04
38	21.95	0.066	0.19	0.77	93	811	77	15 780	1 864.5	1967	81 12 - GPP
68	17.37	0.090	0.13	0.69	131	815	87	15 510	1 624.9	1966	81 07
64	5.79	0.020	0.45	0.70	126	820	87	15 200	1 561.5	1966	88 12 - SUSP 86 03
181	37.09	0.045	0.27	0.76	86	834	86	15 580	1 595.6	1967	89 12 - I.S. NO. 2
291	68.30	0.086	0.11	0.72	92	829	84	16 090	1 684.0	1967	88 11
134	18.47	0.040	0.25	0.79	80	820	87	15 840	1 797.7	1967	82 12
148	45.04	0.063	0.14	0.77	88	834	86	15 170	1 686.5	1967	84 12 - I.S. NO. 11
92	46.13	0.085	0.10	0.77	86	839	87	15 820	1 716.6	1967	87 08 - I.S. NO. 2
400	22.55	0.033	0.20	0.75	81	784	93	15 890	1 714.2	1966	87 03
65	42.06	0.046	0.25	0.80	85	820	84	17 930	1 881.5	1967	89 12 - ABAND 90 03
73	71.48	0.100	0.12	0.76	85	820	89	17 440	1 812.0	1967	89 01
51	48.77	0.085	0.10	0.72	110	815	90	16 990	1 817.5	1967	73 09 - I.S. NO. 11
154	22.46	0.040	0.25	0.76	74	779	94	16 290	1 741.9	1967	90 12 - I.S. NO. 11
304	35.92	0.026	0.30	0.80	68	797	86	15 480	1 603.0	1967	88 12
518	25.10	0.027	0.32	0.77	81	855	84	15 070	1 679.5	1967	84 06
166	13.01	0.053	0.23	0.77	70	806	86	15 310	1 612.8	1967	82 12 - GPP
421	18.98	0.057	0.18	0.76	92	825	85	15 310	1 642.2	1967	89 04 - I.S. NO. 11
128					106	784	94	15 490	1 668.5	1967	89 12
64	32.90	0.033	0.20	0.72							
64	39.46	0.038	0.20	0.72							
112	39.32	0.045	0.21	0.77	94	839	85	15 240	1 673.0	1967	69 07 - I.S. NO. 11
39	24.40	0.070	0.15	0.73	98	779	93	16 000	1 739.2	1968	84 12 - I.S. NO. 11
47	28.65	0.054	0.20	0.82	57	834	87	15 240	1 710.8	1968	89 12 - GPP
36	10.15	0.023	0.35	0.75	108	797	83	15 530	1 670.6	1966	77 09 - SUSP 77 11
71	22.00	0.040	0.25	0.68	74	834	73	16 130	1 750.5	1968	83 12 - I.S. NO. 11
50	58.49	0.030	0.30	0.78	81	849	82	15 170	1 509.9	1968	84 12 - GPP
39	18.87	0.040	0.20	0.77	75	825	84	15 480	1 747.4	1968	86 12 - SUSP 89 03
45	27.43	0.040	0.22	0.78	84	834	87	15 070	1 513.3	1968	84 12
106	30.25	0.032	0.24	0.77	95	839	82	15 720	1 574.3	1968	84 12
41	39.93	0.050	0.15	0.79	89	839	80	15 860	1 562.7	1968	70 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
RAINBOW 109-05W6 (CONTINUED)								
KEG RIVER DDD	700.0	0.23	0.07	161.0	49.0	210.0	159.5	50.5
WATER FLOOD								
KEG RIVER EEE	1 575.0	0.40	0.08	630.0	120.0	750.0	728.8	21.2
SOLVENT FLOOD								
KEG RIVER GGG	569.0	0.40		228.0		228.0	36.9	191.1
KEG RIVER HHH	254.0	0.15		38.1		38.1	25.1	13.0
KEG RIVER III	187.0	0.40		74.8		74.8	2.5	72.3
KEG RIVER JJJ	300.0	0.30		90.0		90.0	24.7	65.3
KEG RIVER KKK	159.0	0.35		55.6		55.6	33.3	22.3
KEG RIVER LLL	378.0	0.30		113.0		113.0	36.0	77.0
KEG RIVER MMM	159.0	0.10		15.9		15.9	2.1	13.8
KEG RIVER NNN	375.0	<0.01		1.0		1.0	1.0	
KEG RIVER OOO	234.0	0.20	0.09	46.8	21.1	67.9	66.4	1.5
WATER FLOOD								
KEG RIVER QQQ	1 750.0	0.20		350.0		350.0	232.9	117.1
KEG RIVER SSS	195.0	0.30		58.6		58.6	46.0	12.6
KEG RIVER TTT	454.0	0.30		136.0		136.0	115.7	20.3
KEG RIVER UUU	111.0	0.30		33.4		33.4	22.7	10.7
KEG RIVER VVV	137.0	0.10		13.7		13.7	6.8	6.9
KEG RIVER WWW	377.0	<0.04		11.8		11.8	11.8	
KEG RIVER XXX	233.0	<0.02		2.9		2.9	2.9	
KEG RIVER YYY	140.0	0.20		28.0		28.0	14.0	14.0
KEG RIVER ZZZ	205.0	<0.01		1.1		1.1	1.1	
KEG RIVER A2A	323.0	<0.04		10.0		10.0	10.0	
KEG RIVER B2B	132.0	<0.02		1.4		1.4	1.4	
KEG RIVER C2C	2 540.0	0.40	0.13	1 020.0	331.0	1 350.0	757.9	592.1
WATER FLOOD								
KEG RIVER D2D	90.0	0.15		13.5		13.5	2.7	10.8
KEG RIVER E2E	70.2	<0.02		0.9		0.9	0.9	
KEG RIVER F2F	108.0	0.25		27.0		27.0	3.7	23.3
KEG RIVER G2G	130.0	<0.01		0.3		0.3	0.3	
KEG RIVER H2H	185.0	0.50		92.5		92.5	41.4	51.1
KEG RIVER I2I	147.0	0.25		36.8		36.8	19.1	17.7
KEG RIVER J2J	146.0	<0.01		0.1		0.1	0.1	
KEG RIVER K2K	180.0	0.25		45.0		45.0	8.1	36.9
KEG RIVER L2L	227.0	<0.01		0.2		0.2	0.2	
KEG RIVER M2M	200.0	0.15		30.0		30.0	2.9	27.1
KEG RIVER N2N	139.0	0.20		27.8		27.8	3.6	24.2
KEG RIVER O2O	1 300.0	0.35		455.0		455.0	196.0	259.0
KEG RIVER P2P	112.0	<0.02		1.8		1.8	1.8	
KEG RIVER Q2Q	280.0	0.05		14.0		14.0	5.9	8.1
KEG RIVER R2R	41.5	<0.03		0.9		0.9	0.9	
KEG RIVER S2S	322.0	0.25		80.5		80.5	9.9	70.6
KEG RIVER T2T	255.0	0.25		63.8		63.8	0.8	63.0
KEG RIVER U2U	397.0	0.25		99.3		99.3	7.9	91.4
KEG RIVER V2V	158.0	0.25		39.5		39.5	8.0	31.5
KEG RIVER W2W	191.0	<0.01		0.5		0.5	0.5	
KEG RIVER X2X	22.2	0.30		6.7		6.7	4.2	2.5
KEG RIVER Y2Y	1 000.0	0.40	0.08	400.0	80.0	480.0	234.3	245.7
WATER FLOOD								
KEG RIVER Z2Z	650.0	0.40		260.0		260.0	108.5	151.5
KEG RIVER B3B	864.0	0.30		259.0		259.0	68.5	190.5
KEG RIVER C3C	54.0	0.30		16.2		16.2	5.2	11.0
KEG RIVER D3D	354.0	0.15		53.1		53.1	2.3	50.8
KEG RIVER E3E	161.0	0.25		40.3		40.3	1.4	38.9
KEG RIVER F3F	152.0	0.30		45.6		45.6	1.1	44.5
KEG RIVER G3G	128.0	0.35		44.8		44.8	3.9	40.9
KEG RIVER H3H	337.0	0.25		84.3		84.3	1.6	82.7
KEG RIVER I3I	500.0	0.10		50.0		50.0	6.8	43.2
KEG RIVER J3J	77.9	0.05		3.9		3.9	1.2	2.7
KEG RIVER K3K	100.0	0.30		30.0		30.0	0.7	29.3
KEG RIVER L3L	77.0	0.10		7.7		7.7	2.3	5.4
KEG RIVER M3M	245.0	0.25		61.3		61.3	0.1	61.2
RAINBOW SOUTH 107-09W6								
SULPHUR POINT B	23.8	<0.05		1.0		1.0	1.0	
MUSKEG A	37.0	0.24		8.9		8.9	8.9	
MUSKEG B	238.0	0.17		40.5		40.5	28.3	12.2
MUSKEG C	630.0	0.20		126.0		126.0	18.2	107.8
MUSKEG D	157.0	<0.08		11.1		11.1	11.1	

9	10	11	12	13	14	15	16	17	18	19	20
AREA ha	AVERAGE PAY THICKNESS m	POROSITY frac	WATER SATN frac	SHRINKAGE frac	INITIAL SOLUTION GOR m^3/m^3	DENSITY kg/m^3	TEMP °C	INITIAL PRESSURE kPa	MEAN FORMATION DEPTH m	DISC YEAR	DATE LAST REVIEWED AND REMARKS
50	40.63	0.054	0.15	0.75	55	834	87	15 200	1 574.6	1968	90 12 - I.S. NO. 11
21	75.40	0.147	0.07	0.73	95	839	86	14 490	1 855.3	1968	90 10 - I.S. NO. 1
80	22.86	0.050	0.19	0.77	85	834	82	15 030	1 504.0	1968	88 07
303	9.69	0.018	0.40	0.80	68	797	84	15 490	1 590.1	1967	82 12 - GPP
38	20.33	0.042	0.25	0.77	85	834	82	15 070	1 514.9	1969	85 04
41	48.40	0.025	0.27	0.83	68	839	86	15 110	1 527.1	1969	88 06
11	40.84	0.053	0.15	0.79	82	834	88	15 700	1 892.8	1969	75 04 - GPP
69	35.84	0.025	0.27	0.84	55	844	87	15 110	1 523.4	1969	70 01 - SUSP 89 03
12	30.63	0.066	0.18	0.79	66	834	86	15 400	1 875.7	1969	75 06 - SUSP 88 12
65	33.83	0.033	0.35	0.80	67	839	79	15 240	1 604.5	1969	89 12 - SUSP 87 03
81	9.91	0.045	0.20	0.81	64	811	97	15 860	1 748.9	1970	89 12 - I.S. NO. 11
383	13.81	0.053	0.22	0.80	55	811	90	15 280	1 609.6	1968	87 12 - GPP
65	10.06	0.047	0.16	0.76	101	825	84	15 360	1 687.7	1972	73 12
65	20.97	0.058	0.25	0.77	89	811	88	15 720	1 861.4	1973	77 02
31	12.41	0.048	0.20	0.76	92	815	83	15 479	1 688.0	1974	75 10
65	8.75	0.043	0.27	0.77	85	834	89	14 580	1 491.4	1970	85 04
32	54.00	0.040	0.30	0.78	81	810	87	14 866	1 579.0	1980	89 12 - SUSP 86 03
64	12.00	0.050	0.20	0.76	104	815	72	13 823	1 539.0	1982	82 07 - SUSP 84 04
45	50.00	0.020	0.60	0.78	81	783	93	12 801	1 614.5	1982	83 12
64	15.00	0.040	0.28	0.74	105	803	45	14 540	1 584.4	1983	84 05 - ABAND 89 03
64	11.50	0.060	0.13	0.84	100	824	86	15 395	1 692.8	1984	84 06 - ABAND 88 09
64	19.76	0.020	0.32	0.76	69	834	88	14 770	1 680.3	1982	88 12 - SUSP 86 03
71	74.55	0.080	0.10	0.67	140	815	84	20 460	1 906.2	1966	76 06
11	57.54	0.030	0.40	0.79	54	823	82	14 816	1 572.8	1985	86 06
64	19.00	0.015	0.45	0.70	112	800	100	17 040	1 946.5	1985	87 12 - SUSP 86 01
64	16.50	0.020	0.37	0.81	54	820	94	14 057	1 638.8	1985	86 03
64	31.00	0.013	0.38	0.81	64	820	65	12 880	1 621.5	1985	89 12 - SUSP 87 01
40	13.10	0.060	0.12	0.67	143	817	87	16 244	1 776.7	1968	90 04
64	17.40	0.020	0.24	0.87	41	831	75	14 854	1 596.6	1985	86 03
64	34.00	0.016	0.50	0.84	53	820	81	13 706	1 527.0	1985	88 12 - ABAND 90 03
50	12.24	0.053	0.27	0.76	70	818	88	14 819	1 634.6	1985	87 07 - SUSP 88 11
64	10.50	0.051	0.15	0.78	81	828	84	11 600	1 503.3	1986	86 06 - SUSP 86 03
49	37.12	0.021	0.32	0.77	93	812	84	14 633	1 864.8	1985	87 07
64	26.40	0.020	0.45	0.75	86	786	90	13 811	1 764.7	1984	90 10 - GPP
48	88.30	0.048	0.17	0.77	143	790	87	16 526	1 911.5	1986	87 12
64	23.00	0.019	0.40	0.67	143	780	87	14 847	1 836.5	1986	89 12 - SUSP 87 07
64	12.00	0.055	0.16	0.79	108	817	87	14 502	1 684.0	1986	89 12
64	11.00	0.011	0.33	0.80	55	760	90	15 081	1 650.5	1986	89 12 - SUSP 87 06
64	14.00	0.057	0.18	0.77	85	846	81	16 348	1 793.8	1968	87 03
64	57.00	0.016	0.44	0.78	81	843	84	13 706	1 525.5	1986	87 05 - SUSP 89 03
64	40.50	0.025	0.27	0.84	53	848	81	12 795	1 516.3	1986	87 05
64	59.00	0.010	0.45	0.76	91	837	87	15 083	1 599.0	1986	87 07
64	36.00	0.017	0.35	0.75	85	835	82	14 090	1 516.0	1986	89 12 - SUSP 87 01
16	33.00	0.012	0.50	0.71	180	757	95	16 845	1 859.5	1987	90 05
39	64.71	0.063	0.15	0.74	90	821	88	16 795	1 827.0	1987	89 10
39	66.40	0.042	0.17	0.72	112	810	90	15 898	1 841.8	1987	88 09
192	26.90	0.031	0.30	0.77	98	817	88	15 522	1 844.0	1987	88 10
64	18.00	0.010	0.30	0.67	143	761	75	16 587	1 831.0	1987	88 01
16	56.00	0.072	0.18	0.67	143	817	87	16 754	1 843.0	1987	90 12 - SUSP 89 10
18	57.94	0.036	0.36	0.67	120	793	90	15 086	1 832.8	1987	89 04 - SUSP 89 01
64	23.30	0.017	0.24	0.79	64	803	97	16 291	1 750.4	1988	88 08 - SUSP 89 01
64	11.00	0.030	0.20	0.76	71	776	97	13 966	1 687.0	1988	88 10
64	56.00	0.017	0.30	0.79	54	810	82	15 152	1 601.0	1988	88 12
39	36.20	0.070	0.17	0.61	143	817	87	16 907	1 862.2	1988	90 10
16	32.00	0.030	0.35	0.78	70	793	87	13 655	1 631.0	1986	90 12 - SUSP 88 08
64	19.30	0.018	0.43	0.79	76	829	87		1 871.6	1988	89 05
16	29.00	0.030	0.30	0.79	76	829	87	15 540	1 856.5	1988	90 12
64	21.50	0.030	0.23	0.77	87	768	87	14 826	1 571.3	1987	89 12
11	3.04	0.120	0.14	0.69	154	829	60	19 600	1 814.8	1968	78 09 - SUSP 78 06
5	18.07	0.080	0.20	0.64	180	811	88	19 997	1 893.4	1965	87 12 - SUSP 82 01
42	9.14	0.098	0.10	0.71	121	825	84	16 220	1 830.3	1966	71 01
64	16.75	0.090	0.13	0.75	160	820	89	17 462	1 925.2	1967	86 06
32	9.54	0.080	0.15	0.75	107	820	82	17 750	1 925.4	1968	88 12 - SUSP 86 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
RAINBOW SOUTH 107-09W6 (CONTINUED)								
MUSKEG F	448.0	<0.01		0.2		0.2	0.2	
MUSKEG G	600.0	0.20		120.0		120.0	50.4	69.6
MUSKEG H WATER FLOOD	1 440.0	0.15	0.15	216.0	216.0	432.0	105.1	326.9
MUSKEG J	214.0	<0.04		7.0		7.0	7.0	
MUSKEG K	533.0	0.15		80.0		80.0	62.0	18.0
MUSKEG L	130.0	<0.03		3.0		3.0	3.0	
MUSKEG N	300.0	0.20		60.0		60.0	23.7	36.3
MUSKEG O	1 250.0	0.07		87.5		87.5	34.3	53.2
MUSKEG P	7 662.0	0.10		766.0		766.0	127.5	638.5
MUSKEG S	288.0	0.10		28.8		28.8	20.5	8.3
MUSKEG U	517.0	0.20		103.0		103.0	23.8	79.2
KEG RIVER A WATER FLOOD	5 720.0	0.46	0.08	2 630.0	445.0	3 080.0	1 717.5	1 362.5
KEG RIVER B SOLVENT FLOOD	6 520.0	0.45	0.20	2 934.0	1 304.0	4 238.0	3 677.7	560.3
KEG RIVER C	2 250.0	0.50		1 130.0		1 130.0	634.6	495.4
KEG RIVER D	207.0	0.30		62.1		62.1	42.2	19.9
KEG RIVER E WATER FLOOD	7 150.0	0.50	0.06	3 580.0	429.0	4 010.0	2 390.3	1 619.7
KEG RIVER F	1 280.0	0.25		320.0		320.0	211.2	108.8
KEG RIVER G WATER FLOOD	3 180.0	0.48	0.09	1 530.0	286.0	1 820.0	1 077.7	742.3
KEG RIVER J	514.0	0.35		180.0		180.0	81.1	98.9
KEG RIVER K	173.0	0.45		77.8		77.8	53.7	24.1
KEG RIVER L	95.2	<0.28		26.3		26.3	26.3	
KEG RIVER M	95.3	0.35		33.4		33.4	7.6	25.8
KEG RIVER N	3 000.0	0.10		300.0		300.0	267.5	32.5
KEG RIVER P	340.0	0.45		153.0		153.0	106.2	46.8
KEG RIVER S	476.0	0.45		214.0		214.0	164.4	49.6
KEG RIVER V	72.0	0.30		21.6		21.6	15.6	6.0
KEG RIVER X	185.0	<0.01		1.2		1.2	1.2	
RAINIER 017-15W4								
GLAUCONITIC B	100.0	0.15		15.0		15.0	11.4	3.6
RANDELL 077-10W5								
SLAVE POINT A	204.0	0.05		10.2		10.2	4.0	6.2
RED COULEE 001-17W4								
MOULTON A WATER FLOOD	270.0	0.14	0.09	37.8	24.3	62.1	58.7	3.4
MOULTON B TOTAL	993.0			62.0	96.1	158.0	156.2	1.8
PRIMARY AREA	119.0	0.08		9.5		9.5		
WATER FLOOD AREA	874.0	0.06	0.11	52.4	96.1	149.0		
MOULTON C WATER FLOOD	540.0	0.23	0.13	124.0	70.2	194.0	193.4	0.6
SUNBURST A	299.0	0.04		12.0		12.0	11.2	0.8
SUNBURST B	445.0	0.11		48.9		48.9	47.3	1.6
RED EARTH 088-08W5								
SLAVE POINT A TOTAL	14 986.0			814.0	267.0	1 081.0	688.2	392.8
PRIMARY AREA	9 536.0	0.05		442.0		442.0		
WATER FLOOD AREA	5 450.0	0.06	0.04	372.0	267.0	639.0		
SLAVE POINT C	240.0	0.15		36.0		36.0	34.0	2.0
SLAVE POINT E	6 200.0	0.05		310.0		310.0	225.9	84.1
SLAVE POINT F	119.0	0.12		14.3		14.3	11.5	2.8
SLAVE POINT G	137.0	0.15		20.6		20.6	12.8	7.8
SLAVE POINT S	794.0	0.05		39.7		39.7	16.6	23.1
SLAVE POINT U	357.0	0.10		35.7		35.7	22.3	13.4
SLAVE POINT V	884.0	0.10		88.4		88.4	36.5	51.9
SLAVE POINT W	153.0	0.10		15.3		15.3	2.6	12.7
SLAVE POINT X	229.0	<0.01		0.1		0.1	0.1	
SLAVE POINT Y	248.0	<0.01		0.7		0.7	0.7	
SLAVE POINT Z	49.0	0.10		4.9		4.9	1.1	3.8
SLAVE POINT AA	74.0	<0.01		0.6		0.6	0.6	
SLAVE POINT BB	229.0	0.05		11.5		11.5	4.3	7.2
SLAVE POINT CC	465.0	0.05		23.3		23.3	0.1	23.2
SLAVE POINT DD	31.8	0.10		3.2		3.2	0.1	3.1
KEG RIVER B	21.5	0.10		2.2		2.2	0.1	2.1
GRANITE WASH A	14 400.0	0.30		4 320.0		4 320.0	3 162.6	1 157.4
GRANITE WASH B	76.6	<0.11		8.2		8.2	8.2	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	16.70	0.080	0.25	0.70	124	825	72	17 360	1 903.0	1968	78 04 - ABAND 79 10
63	19.78	0.080	0.14	0.70	160	825	90	13 472	[illegible]	1978	86 09
136	18.80	0.080	0.11	0.79	89	820	77	17 350	1 856.8	1967	90 06
64	8.00	0.070	0.12	0.68	130	802	78	17 326	1 906.5	1979	83 05 - ABAND 85 12
153	7.00	0.084	0.13	0.68	160	789	90	17 551	1 922.0	1978	87 02
24	11.80	0.080	0.10	0.64	160	790	90	18 003	2 010.1	1983	85 04 - ABAND 88 03
38	14.43	0.080	0.10	0.76	86	789	87	14 566	1 867.4	1969	86 09
300	10.03	0.070	0.14	0.69	190	807	84	19 111	1 830.2	1984	90 12
1 344	12.14	0.069	0.17	0.82	57	838	81	17 000	1 828.2	1984	87 10
64	6.50	0.120	0.10	0.64	160	789	90	18 950	1 930.5	1984	89 10
64	14.32	0.098	0.10	0.64	160	758	90	15 094	1 864.8	1967	89 05
167	65.17	0.097	0.14	0.63	176	801	81	18 600	1 945.2	1965	68 02 - GPP
223	79.86	0.060	0.14	0.71	141	826	84	18 820	1 969.0	1966	89 12
304	24.10	0.050	0.16	0.73	171	811	88	18 060	1 947.7	1966	86 06
101	18.35	0.028	0.30	0.57	225	775	92	18 620	1 943.1	1965	84 08 - GPP
177	92.57	0.075	0.12	0.66	159	806	90	18 930	1 964.1	1966	71 09 - GPP
46	69.22	0.086	0.18	0.57	249	797	88	22 328	1 903.8	1967	89 12 - GPP
85	72.48	0.088	0.11	0.66	160	806	88	18 510	1 917.8	1967	71 09 - GPP
30	19.40	0.138	0.15	0.75	101	801	92	17 830	1 941.6	1968	84 11
77	10.70	0.036	0.22	0.75	101	788	95	18 030	1 975.7	1968	82 10
20	13.56	0.057	0.20	0.77	88	797	98	18 290	1 971.6	1968	85 05 - ABAND 88 08
33	8.97	0.050	0.13	0.74	107	797	98	18 230	2 016.1	1968	88 09
172	36.55	0.073	0.14	0.76	159	796	69	18 170	1 983.6	1978	90 12
56	25.00	0.040	0.19	0.75	105	801	90	17 582	1 927.3	1982	85 03
33	16.48	0.120	0.11	0.85	78	784	94	16 716	1 958.4	1984	86 11
16	16.00	0.044	0.16	0.76	101	810	92	17 024	1 937.0	1986	90 12
64	13.00	0.040	0.16	0.66	159	809	88	17 338	1 947.5	1989	89 11
85	1.00	0.180	0.26	0.88	53	888	38	10 172	1 031.8	1981	88 12 - GPP
64	6.50	0.080	0.32	0.90	29	865	60	19 997	1 843.0	1983	89 12
97	2.53	0.180	0.33	0.91	30	825	27	4 900	799.5	1951	68 07 - GPP
97					21	825	27	1 480	785.5	1954	77 03 - GPP
16	5.55	0.187	0.26	0.96							
81	8.14	0.187	0.26	0.96							
89	5.18	0.180	0.24	0.86	30	825	28	5 050	742.8	1965	85 12 - GPP
65	6.71	0.150	0.50	0.92	35	904	28	2 880	746.2	1930	87 12 - GPP
53	7.62	0.200	0.40	0.92	35	904	28	2 760	698.0	1929	76 12 - GPP
4 514					21	820	48	12 459	1 310.2	1957	90 08 - GPP
2 990	5.08	0.090	0.25	0.93							
1 524	5.70	0.090	0.25	0.93							
91	4.60	0.085	0.25	0.90	24	829	48	12 065	1 346.6	1967	82 12 - GPP
1 920	5.03	0.100	0.31	0.93	42	834	39	12 417	1 264.4	1966	90 07
65	3.35	0.076	0.20	0.90	43	829	82	13 180	1 325.3	1971	89 12 - GPP
65	3.35	0.100	0.30	0.90	43	829	43	13 310	1 328.3	1973	89 12 - GPP
397	3.56	0.094	0.35	0.92	21	821	39	8 827	1 354.0	1982	90 12
64	12.00	0.100	0.50	0.93	25	826	41	10 328	1 255.0	1980	82 07
192	11.30	0.066	0.35	0.95	49	828	37	6 249	1 220.3	1981	86 12
64	5.52	0.062	0.25	0.93	19	825	39	12 403	1 262.5	1982	83 02 - SUSP 87 10
64	7.00	0.110	0.49	0.91	32	832	38	11 702	1 209.3	1983	85 05 - ABAND 89 03
64	5.00	0.120	0.32	0.95	16	829	37	9 891	1 205.5	1985	89 12 - SUSP 86 03
64	1.50	0.080	0.25	0.85	57	820	38	12 100	1 342.8	1984	85 08 - SUSP 88 09
64	2.91	0.084	0.45	0.86	21	830	39	11 740	1 313.7	1985	88 12 - ABAND 90 03
16	27.90	0.070	0.23	0.95	16	821	37	11 219	1 237.8	1988	90 12
64	9.30	0.100	0.15	0.92	25	822	39	11 748	1 347.7	1968	84 03 - SUSP 89 02
32	2.43	0.080	0.45	0.93	19	824	39	11 996	1 296.5	1966	90 01
64	0.40	0.145	0.32	0.85	56	828	40	14 384	1 511.5	1988	88 11
3 776	3.72	0.149	0.20	0.86	56	825	42	16 130	1 433.8	1958	75 12 - GPP
65	1.83	0.094	0.20	0.86	56	825	43	15 820	1 438.4	1965	87 12 - SUSP 87 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE (10^3m^3)	2 RECOVERY PRIMARY (frac)	3 RECOVERY ENHANCED (frac)	4 INITIAL ESTABLISHED RESERVES PRIMARY (10^3m^3)	5 INITIAL ESTABLISHED RESERVES ENHANCED (10^3m^3)	6 INITIAL ESTABLISHED RESERVES TOTAL (10^3m^3)	7 CUMULATIVE PRODUCTION (10^3m^3)	8 REMAINING ESTABLISHED RESERVES (10^3m^3)
RED EARTH 088-08W5 (CONTINUED)								
GRANITE WASH C	2 370.0	0.35		830.0		830.0	723.6	106.4
GRANITE WASH D	254.0	<0.02		4.9		4.9	4.9	
GRANITE WASH E TOTAL	3 158.0			859.0	101.0	960.0	826.8	133.2
PRIMARY AREA	1 140.0	<0.14		153.0		153.0		
WATER FLOOD AREA	2 018.0	0.35	0.05	706.0	101.0	807.0		
GRANITE WASH F	353.0	0.03		10.6		10.6	5.8	4.8
GRANITE WASH I	136.0	<0.06		8.1		8.1	8.1	
GRANITE WASH J	533.0	0.10		53.3		53.3	38.4	14.9
GRANITE WASH K	316.0	0.12		37.9		37.9	31.0	6.9
GRANITE WASH L	427.0	<0.02		8.0		8.0	8.0	
GRANITE WASH M	45.6	<0.09		4.0		4.0	4.0	
GRANITE WASH N	68.3	<0.17		11.4		11.4	11.4	
GRANITE WASH O	440.0	0.01		4.4		4.4	4.4	
GRANITE WASH P	132.0	0.15		19.8		19.8	11.1	8.7
GRANITE WASH Q	92.5	<0.02		1.5		1.5	1.5	
GRANITE WASH R	231.0	<0.01		0.1		0.1	0.1	
GRANITE WASH S	159.0	<0.01		0.3		0.3	0.3	
GRANITE WASH V	186.0	0.10		18.6		18.6	14.0	4.6
GRANITE WASH CC	55.7	<0.02		0.8		0.8	0.8	
GRANITE WASH DD	745.0	0.25		186.0		186.0	29.[illegible]	156.2
GRANITE WASH EE	531.0	0.05		26.6		26.6	3.8	22.8
GRANITE WASH HH	779.0	0.05		39.0		39.0	22.0	17.0
GRANITE WASH KK	86.2	<0.01		0.1		0.1	0.1	
GRANITE WASH LL	250.0	0.20		50.0		50.0	6.6	43.4
GRANITE WASH NN	410.0	0.03		12.3		12.3	5.7	6.6
GRANITE WASH OO	238.0	0.10		24.0		24.0	16.0	8.0
GRANITE WASH PP	188.0	0.20		37.6		37.6	8.1	29.5
GRANITE WASH QQ	32.7	0.25		8.2		8.2	4.6	3.6
GRANITE WASH RR	526.0	0.20		105.0		105.0	47.1	57.9
GRANITE WASH SS	38.3	<0.02		0.6		0.6	0.6	
GRANITE WASH TT	357.0	<0.01		0.6		0.6	0.6	
GRANITE WASH UU	176.0	0.20		35.2		35.2	15.3	19.9
GRANITE WASH VV	239.0	0.15		35.9		35.9	7.9	28.0
GRANITE WASH XX	258.0	0.25		64.5		64.5	30.3	34.2
GRANITE WASH YY	188.0	<0.01		0.1		0.1	0.1	
GRANITE WASH ZZ	354.0	<0.01		2.2		2.2	2.2	
GRANITE WASH AAA	39.5	0.20		7.9		7.9	2.1	5.8
GRANITE WASH BBB	78.3	<0.01		0.1		0.1	0.1	
GRANITE WASH CCC	244.0	0.20		48.8		48.8	18.4	30.4
GRANITE WASH DDD	120.0	<0.16		18.4		18.4	18.4	
GRANITE WASH EEE	248.0	0.20		49.6		49.6	13.8	35.8
GRANITE WASH FFF	188.0	0.25		47.0		47.0	25.2	21.8
GRANITE WASH GGG	79.4	<0.01		0.1		0.1	0.1	
GRANITE WASH HHH	695.0	0.03		20.9		20.9	16.5	4.4
GRANITE WASH III	580.0	0.15		87.0		87.0	39.5	47.5
GRANITE WASH KKK	284.0	<0.03		6.9		6.9	6.9	
GRANITE WASH LLL	152.0	<0.02		1.7		1.7	1.7	
GRANITE WASH MMM	973.0	0.30		292.0		292.0	197.4	94.6
GRANITE WASH NNN	232.0	<0.01		0.5		0.5	0.5	
GRANITE WASH OOO	89.0	<0.01		0.5		0.5	0.5	
GRANITE WASH PPP	339.0	0.20		67.8		67.8	5.7	62.1
GRANITE WASH QQQ	155.0	0.15		23.3		23.3	3.8	19.5
GRANITE WASH RRR	231.0	0.10		23.1		23.1	7.6	15.5
GRANITE WASH SSS	200.0	0.25		50.0		50.0	10.5	39.5
GRANITE WASH TTT	174.0	0.15		26.1		26.1	4.5	21.6
GRANITE WASH UUU	111.0	0.20		22.2		22.2	8.1	14.1
GRANITE WASH VVV	106.0	0.15		15.9		15.9	6.4	9.5
GRANITE WASH WWW	222.0	0.15		33.3		33.3	4.6	28.7
GRANITE WASH XXX	180.0	0.10		18.0		18.0	0.9	17.1
GRANITE WASH YYY	66.5	0.15		10.0		10.0	8.0	2.0
GRANITE WASH ZZZ	454.0	0.35		159.0		159.0	23.4	135.6
GRANITE WASH A2A	80.4	0.20		16.1		16.1	0.9	15.2
GRANITE WASH B2B	40.9	0.20		8.2		8.2	1.1	7.1
GRANITE WASH C2C	193.0	0.15		29.0		29.0	3.0	26.0
GRANITE WASH D2D	63.6	0.25		15.9		15.9	2.7	13.2
GRANITE WASH E2E	132.0	0.20		26.4		26.4	0.6	25.8
GRANITE WASH F2F	109.0	0.25		27.3		27.3	4.7	22.6
GRANITE WASH G2G	321.0	0.25		80.3		80.3	13.3	67.0
GRANITE WASH H2H	179.0	0.15		26.9		26.9	1.2	25.7
GRANITE WASH I2I	115.0	0.20		23.0		23.0	5.8	17.2
GRANITE WASH J2J	147.0	0.15		22.1		22.1	0.4	21.7

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
832	3.00	0.140	0.21	0.86	56	825	42	16 000	1 460.9	1956	86 09
64	5.15	0.150	0.41	0.87	48	825	42	15 966	1 470.5	1957	86 08 - ABAND 88 08
1 031					56	825	42	15 380	1 492.0	1959	89 12 - GPP
536	3.13	0.123	0.35	0.85							
495	5.76	0.133	0.35	0.85							
188	2.39	0.130	0.29	0.85	64	826	42	15 850	1 501.4	1964	90 12 - SUSP 89 03
65	2.74	0.119	0.25	0.86	56	825	43	15 960	1 512.0	1958	74 12 - SUSP 83 09
256	3.60	0.120	0.44	0.86	56	825	53	15 122	1 503.0	1967	86 06 - GPP
64	5.36	0.134	0.20	0.86	56	825	42	15 960	1 516.0	1968	90 12
129	3.96	0.126	0.23	0.86	56	834	52	15 450	1 520.0	1958	84 03 - ABAND 89 06
65	0.91	0.112	0.20	0.86	56	829	52	15 440	1 469.7	1970	71 03 - SUSP 85 07
65	1.28	0.120	0.20	0.86	60	834	48	15 620	1 506.6	1969	76 12 - SUSP 83 08
65	5.49	0.180	0.20	0.86	57	829	42	15 250	1 435.6	1973	76 12 - SUSP 76 01
64	2.00	0.150	0.20	0.86	56	832	42	17 740	1 466.0	1979	79 12 - GPP
64	2.00	0.120	0.30	0.86	56	834	72	14 756	1 473.5	1979	83 12 - SUSP 81 09
64	3.50	0.150	0.20	0.86	56	825	56	15 089	1 415.7	1980	81 12 - ABAND 81 01
64	3.20	0.180	0.50	0.86	56	825	48	15 277	1 438.9	1980	81 12 - ABAND 81 01
32	6.10	0.140	0.20	0.85	64	829	42	15 083	1 493.0	1982	90 12 - SUSP 88 10
64	1.50	0.110	0.38	0.85	64	831	42	15 148	1 519.3	1982	84 03 - ABAND 89 02
128	6.94	0.130	0.25	0.86	56	823	42	9 550	1 464.9	1983	86 08
64	6.70	0.180	0.20	0.86	48	845	49	15 737	1 443.3	1981	87 12 - GPP
256	3.37	0.140	0.25	0.86	56	834	42	14 921	1 490.2	1982	89 12
64	1.71	0.157	0.41	0.85	64	852	42	14 360	1 418.8	1984	85 03 - ABAND 86 01
64	5.50	0.150	0.45	0.86	56	843	48	8 185	1 493.9	1985	85 05
128	3.70	0.140	0.28	0.86	56	830	42	15 008	1 453.9	1984	89 12
64	3.94	0.203	0.46	0.86	48	825	42	14 740	1 435.1	1985	89 03 - GPP
64	3.59	0.170	0.44	0.86	50	842	40	15 726	1 398.1	1984	90 12
80	0.58	0.132	0.38	0.86	54	835	36	15 616	1 413.9	1984	87 12 - SUSP 88 11
96	5.41	0.166	0.29	0.86	56	828	42	14 101	1 479.3	1985	86 06
64	1.39	0.091	0.45	0.86	47	826	46	15 274	1 489.7	1984	85 11 - SUSP 85 07
64	4.50	0.180	0.19	0.85	64	826	42	14 894	1 510.3	1985	85 12 - ABAND 89 07
81	3.50	0.120	0.40	0.86	53	836	36	15 389	1 410.4	1985	90 12
128	2.43	0.150	0.41	0.87	48	825	42	14 437	1 445.6	1966	86 08
64	4.50	0.160	0.35	0.86	56	823	41	14 915	1 467.6	1985	86 03
64	6.00	0.100	0.43	0.86	56	801	44	15 120	1 517.9	1985	89 12 - SUSP 86 11
64	4.50	0.210	0.32	0.86	52	833	38	15 689	1 435.0	1985	89 12 - SUSP 88 02
32	2.10	0.122	0.44	0.86	56	830	42	14 600	1 480.6	1985	86 05
64	3.20	0.090	0.50	0.85	64	826	42	14 240	1 506.2	1986	86 05 - SUSP 86 11
96	3.02	0.140	0.30	0.86	56	823	42	15 422	1 466.6	1986	86 09
64	3.00	0.119	0.39	0.86	56	825	42	15 443	1 495.4	1968	86 06 - ABAND 88 07
64	4.53	0.140	0.29	0.86	56	834	42	14 516	1 455.9	1985	86 08
128	2.76	0.110	0.43	0.85	56	834	42	13 823	1 484.7	1984	88 03
64	2.20	0.080	0.18	0.86	56	834	42	14 397	1 502.9	1982	86 08
128	5.64	0.140	0.20	0.86	56	834	42	14 102	1 476.5	1983	87 12
96	5.64	0.160	0.23	0.87	48	825	42	14 346	1 472.1	1983	90 12
64	4.30	0.150	0.20	0.86	56	834	42	14 605	1 487.7	1980	86 08
64	2.30	0.150	0.20	0.86	56	834	42	15 043	1 491.5	1983	86 08 - ABAND 88 10
192	5.40	0.154	0.30	0.87	48	825	42	15 896	1 450.3	1957	86 08
64	4.50	0.117	0.20	0.86	56	825	42	14 720	1 518.1	1969	86 09 - SUSP 70 04
64	1.39	0.194	0.40	0.86	70	835	40	7 240	1 415.1	1986	86 10 - SUSP 86 10
128	2.83	0.160	0.32	0.86	50	828	45	6 100	1 514.8	1987	89 01
64	2.75	0.167	0.38	0.85	45	831	34	15 657	1 441.9	1987	87 12 - SUSP 89 08
64	3.60	0.160	0.27	0.86	53	833	36	15 259	1 419.6	1985	85 08 - SUSP 89 08
64	3.50	0.160	0.35	0.86	64	852	42	14 839	1 515.5	1987	88 04
64	4.48	0.143	0.50	0.85	57	828	38	15 586	1 427.8	1986	88 04 - SUSP 89 08
64	2.30	0.130	0.32	0.85	64	852	42	15 266	1 486.0	1988	88 06
64	2.74	0.140	0.49	0.85	64	852	42	15 274	1 513.0	1987	88 08
64	3.30	0.165	0.25	0.85	64	852	42	14 693	1 503.8	1988	88 08
64	3.00	0.170	0.35	0.85	64	852	42	13 999	1 496.5	1988	88 08
64	1.29	0.148	0.36	0.85	48	829	42	16 057	504.0	1986	87 04
64	7.50	0.180	0.30	0.75	51	777	49	15 353	1 509.1	1985	85 07
64	1.60	0.165	0.44	0.85	64	852	42	14 570	1 472.1	1988	88 10 - SUSP 90 01
64	1.00	0.120	0.38	0.86	56	835	56	15 256	1 489.1	1988	88 12
64	3.90	0.140	0.35	0.85	64	852	42	14 985	1 494.9	1988	88 12
64	1.50	0.140	0.45	0.86	56	835	42	15 246	1 511.0	1988	88 12
64	2.50	0.160	0.40	0.86	56	835	42	14 774	1 476.8	1988	88 12
64	2.40	0.150	0.45	0.86	56	835	42	15 921	1 507.6	1988	89 01
128	2.21	0.176	0.25	0.86	56	835	42	14 845	1 471.2	1988	89 01
64	3.90	0.130	0.35	0.85	64	852	42	14 409	1 482.0	1988	89 02
64	2.50	0.160	0.47	0.85	64	852	43	14 104	1 502.5	1988	89 02
64	2.60	0.160	0.35	0.85	64	852	42		1 503.8	1988	89 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
RED EARTH 088-08W5 (CONTINUED)								
GRANITE WASH K2K	83.0	0.10		8.3		8.3	1.7	6.6
GRANITE WASH L2L	204.0	0.25		51.0		51.0	7.0	44.0
GRANITE WASH M2M	172.0	0.25		43.0		43.0	6.0	37.0
GRANITE WASH N2N	57.5	0.25		14.4		14.4	1.6	12.8
GRANITE WASH O2O	256.0	0.25		64.0		64.0	11.2	52.8
GRANITE WASH P2P	114.0	0.20		22.8		22.8	0.5	22.3
GRANITE WASH Q2Q	102.0	0.05		5.1		5.1		5.1
RED ROCK 063-08W6								
CHINOOK A	57.3	<0.01		0.4		0.4	0.4	
CHINOOK G	3 687.0	0.10		369.0		369.0	112.0	257.0
CHINOOK H	120.0	0.10		12.0		12.0	2.2	9.8
RED WILLOW 039-16W4								
GLAUCONITIC A	228.0	<0.02		4.5		4.5	4.5	
GLAUCONITIC B	105.0	<0.01		0.2		0.2	0.2	
GLAUCONITIC D	677.0	0.10		67.7		67.7	1.0	66.7
GLAUCONITIC E	223.0	0.10		22.3		22.3	2.9	19.4
LOWER MANNVILLE K	561.0	0.05		28.1		28.1	4.2	23.9
LOWER MANNVILLE L	94.4	0.10		9.4		9.4	0.2	9.2
CAMROSE A	119.0	0.25		29.8		29.8	19.2	10.6
CAMROSE B	195.0	0.25		48.8		48.8	11.1	37.7
CAMROSE C	250.0	0.20		50.0		50.0	17.8	32.2
CAMROSE D	67.2	<0.01		0.1		0.1	0.1	
CAMROSE E	96.1	0.10		9.6		9.6	4.1	5.5
D-3 A	326.0	<0.01		0.3		0.3	0.3	
REDFISH 092-08W5								
KEG RIVER A	100.0	0.15		16.4		16.4	0.4	16.0
REDLAND 027-23W4								
LOWER MANNVILLE B	98.2	0.20		19.6		19.6	15.5	4.1
REDWATER 057-21W4								
UPPER VIKING G	225.0	<0.01		0.1		0.1	0.1	
UP-MID-LOW VIKING A	3 710.0	0.10		371.0		371.0	230.9	140.1
LOWER VIKING B	4 336.0	0.05		217.0		217.0	173.7	43.3
LOWER VIKING H	360.0	0.10		36.0		36.0	30.6	5.4
LOWER VIKING Q	520.0	0.05		26.0		26.0	3.5	22.5
LOWER VIKING S	1 874.0	0.05		93.7		93.7	20.8	72.9
UPPER MANNVILLE E	270.0	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE E	253.0	0.15		38.0		38.0	36.2	1.8
BASAL MANNVILLE F	106.0	0.20		21.2		21.2	18.2	3.0
BASAL MANNVILLE H	1 977.0	0.05		98.9		98.9	77.4	21.5
BASAL MANNVILLE I	266.0	<0.01		1.4		1.4	1.4	
BASAL MANNVILLE J	243.0	0.10		24.3		24.3	16.7	7.6
BASAL MANNVILLE R	188.0	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE T	245.0	<0.01		0.2		0.2	0.2	
ELLERSLIE A	103.0	<0.01		0.1		0.1	0.1	
ELLERSLIE B	49.9	<0.02		0.8		0.8	0.8	
D-3	207 000.0	0.62		128 000.0		128 000.0	126 236.3	1 763.7
RETLAW 012-18W4								
MANNVILLE A	868.0	0.10		86.8		86.8	33.2	53.6
MANNVILLE II	288.0	0.03		8.6		8.6	2.8	5.8
MANNVILLE KK	139.0	<0.04		5.4		5.4	5.4	
MANNVILLE LL	1 500.0	0.20		300.0		300.0	120.4	179.6
MANNVILLE RR	31.8	<0.01		0.2		0.2	0.2	
MANNVILLE SS	429.0	<0.01		1.0		1.0	1.0	
MANNVILLE TT	1 310.0	<0.01		2.8		2.8	2.8	
MANNVILLE B & D	300.0	0.04		12.0		12.0	9.1	2.9
MANNVILLE CCC	290.0	<0.02		4.0		4.0	4.0	
MANNVILLE DDD	52.8	<0.01		0.1		0.1	0.1	
MANNVILLE NNN	187.0	0.15		28.0		28.0	9.8	18.2
MANNVILLE RRR	473.0	0.05		23.7		23.7	16.0	7.7
MANNVILLE WWW	60.2	<0.01		0.2		0.2	0.2	
MANNVILLE YYY	48.4	<0.01		0.2		0.2	0.2	
MANNVILLE A2A	66.6	<0.02		0.8		0.8	0.8	
RICH 034-21W4								
VIKING B	153.0	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m³/m³	kg/m³	°C	kPa	m		
64	1.85	0.150	0.45	0.85	64	852	42	13 960	1 437.5	1966	89 02
64	3.98	0.150	0.38	0.86	56	835	42	14 786	1 473.1	1988	89 03
64	2.95	0.160	0.34	0.86	56	835	42	14 663	1 498.0	1988	89 03
64	1.20	0.150	0.42	0.86	56	835	42	13 900	1 488.0	1988	89 03
64	4.67	0.170	0.42	0.87	48	825	42	14 054	1 432.3	1988	89 05
64	2.10	0.150	0.35	0.87	48	825	42	14 141	1 510.3	1989	89 08
64	3.10	0.120	0.50	0.86	56	835	42		1 485.9	1989	89 10
64	1.80	0.090	0.35	0.85	72	830	17	10 143	1 468.1	1979	85 07 - SUSP 85 02
2 135	3.43	0.116	0.38	0.70	133	827	46	10 355	1 533.5	1986	89 02
64	3.85	0.110	0.37	0.70	133	809	44	10 452	1 661.2	1987	88 08
64	3.00	0.220	0.35	0.83	71	868	39	8 697	1 132.0	1981	82 04 - ABAND 86 10
64	2.00	0.180	0.45	0.83	60	850	47	8 634	1 114.7	1981	82 10 - SUSP 82 11
128	4.29	0.220	0.34	0.85	64	852	48	8 154	1 140.4	1988	89 05
64	3.00	0.180	0.30	0.92	35	875	34	8 194	1 146.0	1988	89 08
128	3.75	0.200	0.27	0.80	90	850	38	8 435	1 146.6	1988	89 05
64	1.40	0.200	0.38	0.85	64	852	48	8 197	1 153.3	1989	89 11
29	9.56	0.053	0.10	0.90	56	890	48	9 730	1 335.8	1982	84 05 - SUSP 89 10
64	7.86	0.055	0.12	0.80	59	879	52	9 449	1 332.3	1983	84 05
64	8.30	0.084	0.30	0.80	50	900	38	9 078	1 230.6	1984	85 03
64	3.75	0.050	0.30	0.80	55	900	38	9 084	1 225.6	1985	89 12 - SUSP 87 09
32	8.30	0.060	0.33	0.90	36	903	43	9 254	1 246.0	1985	86 10
64	12.50	0.060	0.15	0.80	35	947	48	10 108	1 340.8	1981	84 12 - ABAND 84 07
64	5.40	0.055	0.35	0.88	47	829	40	14 328	1 274.7	1987	88 06
91	2.00	0.130	0.50	0.83	58	890	50	11 090	1 597.5	1982	89 12 - GPP
64	3.00	0.200	0.35	0.90	36	882	45	5 102	631.6	1976	83 12 - ABAND 85 02
1 635	2.26	0.190	0.40	0.88	28	800	27	5 030	649.9	1949	83 10 - GPP
1 778	2.60	0.180	0.44	0.92	35	865	28	5 772	680.5	1974	89 07 - GPP
268	1.14	0.220	0.42	0.92	37	847	31	4 605	647.5	1976	87 09 - GPP
256	2.40	0.180	0.49	0.92	30	872	28	5 594	715.7	1984	87 03 - GPP
640	3.98	0.160	0.50	0.92	30	844	28	5 841	658.4	1950	88 07 - GPP
64	3.00	0.260	0.40	0.90	44	885	30	5 996	754.5	1981	81 09 - SUSP 83 12
108	1.83	0.200	0.20	0.80	55	843	41	6 640	1 022.0	1954	84 12 - GPP
64	0.92	0.250	0.20	0.90	35	860	38	6 590	1 014.3	1976	83 12 - GPP
416	3.55	0.240	0.40	0.93	46	925	30	5 962	854.0	1977	86 10 - GPP
64	5.50	0.210	0.60	0.90	50	925	43	6 171	854.3	1979	83 12 - ABAND 89 05
64	2.50	0.260	0.35	0.90	43	855	30	6 751	946.1	1979	80 08 - GPP
16	8.50	0.270	0.45	0.93	30	931	35	6 083	866.1	1980	84 12 - ABAND 82 06
32	4.20	0.270	0.25	0.90	33	923	48	6 122	848.9	1981	82 11 - SUSP 83 12
16	3.00	0.300	0.23	0.93	26	948	34	5 712	832.1	1982	83 07 - ABAND 83 12
64	0.80	0.200	0.47	0.92	32	880	32	6 745	945.9	1984	85 03 - ABAND 88 06
15 199	31.39	0.065	0.25	0.89	33	844	34	7 340	977.8	1948	72 02 - GPP
560	1.72	0.176	0.36	0.80	64	870	34	11 650	1 108.0	1959	84 12 - GPP
128	3.70	0.100	0.30	0.87	62	876	32	10 880	1 092.6	1978	80 12 - GPP
64	4.30	0.080	0.25	0.84	74	865	36	10 560	1 089.5	1977	89 12 - SUSP 86 07
278	3.77	0.227	0.24	0.83	70	891	38	11 690	1 084.3	1979	87 11
64	0.60	0.150	0.35	0.85	66	886	30	11 576	1 074.1	1964	89 12 - SUSP 87 02
64	8.00	0.150	0.35	0.86	62	900	37	11 479	1 077.5	1980	84 12 - SUSP 82 09
128	14.88	0.134	0.41	0.87	58	900	37	11 078	1 082.5	1980	86 12 - SUSP 84 12
125	1.83	0.221	0.30	0.85	62	876	38	11 780	1 091.2	1959	84 12 - GPP
64	2.50	0.270	0.20	0.84	75	896	35	11 838	1 108.8	1981	84 12 - SUSP 86 04
64	0.80	0.160	0.25	0.86	64	885	30	11 943	1 078.0	1980	83 12 - SUSP 83 06
65	3.00	0.170	0.35	0.87	62	870	33	11 366	1 097.4	1980	83 12
192	2.07	0.206	0.32	0.85	73	896	33	11 128	1 097.2	1963	85 09
64	1.10	0.180	0.46	0.88	56	899	34	11 373	1 097.3	1983	83 06 - ABAND 89 11
16	2.00	0.220	0.20	0.86	62	887	32	10 617	1 097.7	1983	84 03 - ABAND 84 02
32	1.70	0.180	0.20	0.85	73	896	33	10 574	1 091.7	1984	85 06 - ABAND 84 11
64	4.30	0.107	0.35	0.80	86	873	39	7 229	1 292.0	1986	86 12 - ABAND 86 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
RICH 034-21W4 (CONTINUED)								
VIKING C	333.0	0.10		33.3		33.3	3.2	30.1
D-2 A	200.0	0.20		40.0		40.0	28.1	11.9
D-3 A	1 333.0	0.45		600.0		600.0	586.1	13.9
WINNIPEGOSIS A	97.2	0.20		19.4		19.4	6.6	12.8
RICHDALE 030-13W4								
UPPER MANNVILLE F	216.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE G	675.0	0.10		67.5		67.5	35.9	31.6
UPPER MANNVILLE K	466.0	<0.02		5.0		5.0	5.0	
UPPER MANNVILLE L	1 110.0	0.10		111.0		111.0	23.7	87.3
UPPER MANNVILLE S	257.0	0.10		25.7		25.7	5.1	20.6
LOWER MANNVILLE F	116.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE O	122.0	<0.01		0.1		0.1	0.1	
RICINUS 034-08W5								
CARDIUM A TOTAL	11 740.0			1 942.0	278.0	2 220.0	1 770.9	449.1
PRIMARY AREA	4 600.0	0.25		1 150.0		1 150.0		
GAS FLOOD AREA	7 137.0	<0.12	0.03	792.5	278.0	1 071.0		
CARDIUM B	850.0	0.20		170.0		170.0	144.1	25.9
CARDIUM C	1 270.0	0.05		63.6		63.6	42.9	20.7
CARDIUM D	535.0	0.25		133.0		133.0	99.7	33.3
CARDIUM E	822.0	0.02		16.4		16.4	5.2	11.2
CARDIUM F	560.0	0.12		67.2		67.2	59.3	7.9
CARDIUM G	630.0	0.20		126.0		126.0	88.0	38.0
CARDIUM H	1 080.0	0.10		108.0		108.0	86.6	21.4
CARDIUM K	338.0	0.15		50.7		50.7	39.5	11.2
CARDIUM L	2 000.0	0.20		400.0		400.0	155.0	245.0
CARDIUM M	207.0	<0.06		11.3		11.3	11.3	
CARDIUM Q	4 850.0	0.15		728.0		728.0	505.8	222.2
CARDIUM S	1 406.0	0.05		70.3		70.3	44.1	26.2
CARDIUM V	3 230.0	0.05		162.0		162.0	88.3	73.7
CARDIUM W	4 465.0	0.10		447.0		447.0	275.8	171.2
CARDIUM X	311.0	0.20		62.2		62.2	48.6	13.6
CARDIUM Y	237.0	0.10		23.7		23.7	15.0	8.7
CARDIUM Z	450.0	0.03		13.5		13.5	9.6	3.9
CARDIUM AA	512.0	0.05		25.6		25.6	8.7	16.9
CARDIUM BB	327.0	<0.01		1.9		1.9	1.9	
CARDIUM CC	184.0	0.03		5.5		5.5	1.5	4.0
CARDIUM EE	961.0	0.20		192.0		192.0	47.9	144.1
CARDIUM FF	341.0	<0.03		7.5		7.5	2.7	4.8
CARDIUM GG	241.0	0.05		12.1		12.1	10.4	1.7
CARDIUM II	368.0	<0.01		0.1		0.1	0.1	
CARDIUM KK	250.0	0.12		30.0		30.0	26.6	3.4
CARDIUM MM	376.0	0.15		56.4		56.4	6.3	50.1
CARDIUM NN	1 516.0	0.05		75.8		75.8	17.4	58.4
CARDIUM OO	206.0	0.15		30.9		30.9	3.9	27.0
CARDIUM QQ	319.0	0.20		63.8		63.8	16.9	46.9
CARDIUM TT	1 842.0	0.20		368.0		368.0	80.2	287.8
CARDIUM UU	269.0	0.05		12.3		12.3	9.3	3.0
CARDIUM VV	159.0	0.10		15.9		15.9	5.0	10.9
CARDIUM WW	134.0	<0.01		0.4		0.4	0.4	
CARDIUM XX	600.0	0.05		30.0		30.0	25.1	4.9
CARDIUM ZZ	490.0	0.10		49.0		49.0	8.2	40.8
CARDIUM LL & RR	158.0	0.09		14.2		14.2	9.3	4.9
CARDIUM BBB	500.0	0.15		75.0		75.0	31.6	43.4
CARDIUM CCC	538.0	0.15		80.7		80.7	59.0	21.7
CARDIUM DDD	291.0	0.10		29.1		29.1	6.3	22.8
CARDIUM EEE	1 383.0	0.10		138.0		138.0	9.5	128.5
CARDIUM GGG	711.0	0.15		107.0		107.0	9.8	97.2
CARDIUM HHH	95.8	0.10		9.6		9.6	0.8	8.8
CARDIUM III	115.0	0.05		5.8		5.8	0.7	5.1
CARDIUM JJJ	185.0	0.20		37.0		37.0	7.1	29.9
CARDIUM KKK	261.0	0.15		39.2		39.2	34.5	4.7
CARDIUM LLL	217.0	0.20		43.4		43.4	9.2	34.2
CARDIUM MMM	1 100.0	0.15		165.0		165.0	120.1	44.9
CARDIUM PPP	200.0	0.05		10.0		10.0	6.9	3.1
RINGS 080-05W6								
D-1 A	409.0	0.20		81.8		81.8	11.0	70.8

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
128	3.60	0.140	0.40	0.86	46	860	40	6 413	1 193.9	1986	89 05
50	7.00	0.080	0.12	0.81	74	865	55	12 868	1 683.9	1983	89 12
15	103.20	0.110	0.10	0.87	64	857	65	14 327	1 796.3	1982	88 12
32	7.50	0.060	0.25	0.90	31	916	60	18 948	2 242.3	1985	87 04
64	4.30	0.160	0.46	0.91	37	882	37	9 147	1 120.5	1981	85 12 - ABAND 89 05
221	3.71	0.190	0.49	0.85	63	852	39	8 135	1 112.5	1979	90 02
395	1.01	0.210	0.33	0.83	80	855	38	9 119	1 117.2	1971	79 12 - SUSP 83 01
128	7.65	0.230	0.42	0.85	60	847	34	9 190	1 109.9	1983	84 09
64	6.24	0.180	0.58	0.85	63	824	37	9 330	1 115.9	1985	86 11
64	1.83	0.170	0.35	0.89	44	865	35	9 410	1 150.6	1977	82 12 - ABAND 81 05
64	2.00	0.230	0.50	0.83	68	859	38	8 700	1 145.2	1981	88 12 - ABAND 83 02
1 489					226	806	83	27 280	2 748.5	1969	88 12
465	12.75	0.140	0.12	0.63							
1 024	8.98	0.140	0.12	0.63							
94	11.38	0.170	0.27	0.64	250	815	82	27 421	2 732.0	1969	86 12 - GPP
695	1.83	0.150	0.10	0.74	131	820	72	17 110	2 467.0	1969	75 08 - GPP
160	5.30	0.120	0.20	0.65	158	815	84	23 890	2 736.6	1969	89 09
444	3.05	0.134	0.13	0.52	323	801	78	26 930	2 650.5	1970	89 12 - GPP
32	20.28	0.135	0.12	0.73	130	788	54	13 900	1 810.5	1968	88 12 - GPP
97	10.10	0.110	0.14	0.68	144	811	71	20 860	2 310.1	1970	88 12
101	18.80	0.098	0.18	0.71	159	806	60	18 930	2 024.8	1970	88 03
65	7.80	0.127	0.12	0.60	213	811	78	28 440	2 679.2	1969	85 12 - GPP
384	6.10	0.130	0.10	0.73	119	815	71	13 973	2 349.8	1972	90 10
210	2.44	0.075	0.23	0.70	160	811	63	18 720	2 061.7	1971	76 12 - SUSP 84 05
705	8.82	0.120	0.11	0.73	113	815	75	15 896	2 511.2	1971	88 12 - GPP
128	12.40	0.134	0.13	0.76	230	806	70	15 501	2 371.7	1974	88 04
256	14.05	0.133	0.10	0.75	131	811	49	13 290	2 105.7	1975	88 04
256	17.00	0.150	0.10	0.76	131	820	49	13 980	2 192.8	1974	88 04
128	12.70	0.028	0.09	0.75	108	806	63	13 618	2 157.1	1976	88 04
128	4.45	0.100	0.34	0.63	186	829	66	26 028	2 761.3	1977	87 08 - GPP
128	4.88	0.120	0.20	0.75	113	825	60	12 360	2 572.2	1977	85 12 - SUSP 87 10
64	16.34	0.090	0.20	0.68	167	827	63	21 130	2 594.2	1977	82 12 - GPP
64	8.94	0.100	0.16	0.68	151	828	60	17 880	2 434.2	1977	88 12 - SUSP 86 06
64	5.80	0.094	0.12	0.60	172	825	59	18 130	2 673.5	1978	82 12 - GPP
192	13.60	0.055	0.12	0.76	115	802	58	14 266	2 155.9	1978	88 04
64	12.60	0.067	0.17	0.76	113	811	64	15 000	2 454.5	1981	88 04 - GPP
64	9.40	0.062	0.15	0.76	130	810	66	15 868	2 518.5	1981	88 04 - GPP
64	9.00	0.090	0.09	0.78	91	806	68	15 343	2 572.1	1981	88 04 - SUSP 83 02
97	4.32	0.135	0.31	0.64	250	816	82	27 022	2 745.6	1969	83 10 - GPP
64	12.00	0.090	0.15	0.64	131	785	72	27 852	2 762.3	1983	89 12 - GPP
64	29.40	0.115	0.09	0.77	91	806	68	14 043	2 237.7	1984	88 04 - SUSP 90 03
64	10.10	0.046	0.09	0.76	91	806	68	13 906	2 204.7	1984	88 04
128	9.75	0.037	0.09	0.76	108	814	64	12 255	2 165.2	1985	88 04 - SUSP 90 03
256	16.01	0.065	0.09	0.76	108	813	64	12 618	2 285.6	1985	89 08
64	5.60	0.110	0.09	0.75	119	815	71	16 324	2 512.2	1969	89 12
64	4.92	0.097	0.20	0.65	177	819	86	26 264	2 714.3	1986	87 01
64	3.16	0.100	0.15	0.78	91	805	68	26 355	2 370.0	1986	87 03 - SUSP 87 04
129	7.00	0.120	0.20	0.69	158	815	84	23 670	2 764.2	1969	89 09
64	12.00	0.100	0.15	0.75	110	806	74	13 583	2 552.3	1987	88 03
64	4.81	0.085	0.15	0.71	160	805	60	19 075	2 154.3	1982	86 01
23	43.80	0.110	0.33	0.68	188	819	72	19 082	2 797.3	1987	89 09
64	15.50	0.085	0.15	0.75	108	806	63		2 156.8	1975	88 04
64	9.10	0.075	0.10	0.74	106	806	63	13 757	2 503.5	1987	88 07
128	12.98	0.136	0.10	0.68	132	804	67	9 985	2 082.9	1987	88 12
256	7.51	0.060	0.21	0.78	91	806	68	11 209	2 095.1	1987	89 02
64	3.50	0.090	0.28	0.66	189	813	60	16 229	2 731.9	1987	89 02
64	5.60	0.080	0.15	0.47	363	807	75	26 418	2 582.1	1982	89 04 - SUSP 89 08
32	15.80	0.060	0.10	0.68	132	804	72	12 691	2 251.5	1988	90 04
64	4.57	0.150	0.10	0.66	189	808	60	15 801	2 650.4	1969	89 05 - GPP
64	10.40	0.050	0.12	0.74	136	785	72	11 525	2 326.5	1988	89 08
157	19.30	0.070	0.20	0.65	177	819	86	23 908	2 772.2	1968	89 09
20	18.80	0.080	0.10	0.73	137	815	68	12 405	2 305.6	1989	90 10 - GPP
64	20.90	0.050	0.15	0.83	53	840	77	24 440	2 181.1	1989	89 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
RIVIERE 055-27W4								
WABAMUN A	424.0	0.15		63.6		63.6	4.3	59.3
ROCKYFORD 026-23W4								
UPPER MANNVILLE C	180.0	0.10		18.0		18.0	2.3	15.7
UPPER MANNVILLE E	382.0	0.10		38.2		38.2	17.3	20.9
UPPER MANNVILLE F	1 678.0	0.15		252.0		252.0	99.4	152.6
LOWER MANNVILLE A	811.0	0.10		81.1		81.1	46.2	34.9
LOWER MANNVILLE C	556.0	0.10		55.6		55.6	10.8	44.8
LOWER MANNVILLE F	81.1	0.10		8.1		8.1	1.8	6.3
LOWER MANNVILLE G	322.0	0.10		32.2		32.2	1.9	30.3
ROSEBUD 027-21W4								
BLAIRMORE	420.0	0.16		67.2		67.2	64.2	3.0
ROSEVEAR 054-15W5								
SECOND WHITE SPECKS A	914.0	0.10		91.4		91.4	23.3	68.1
ROWLEY 032-20W4								
BELLY RIVER H & LOWER MANNVILLE H	330.0	0.15		50.0		50.0	32.4	17.6
VIKING C	220.0	0.15		33.0		33.0	11.7	21.3
UPPER MANNVILLE D	874.0	0.10		87.4		87.4	13.8	73.6
UPPER MANNVILLE E	800.0	0.15		120.0		120.0	67.9	52.1
LOWER MANNVILLE A	944.0	<0.01		3.9		3.9	3.9	
LOWER MANNVILLE G	179.0	0.10		17.9		17.9	0.1	17.8
LOWER MANNVILLE J	160.0	0.10		16.0		16.0	3.4	12.6
LOWER MANNVILLE K	181.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE P	75.0	0.05		3.8		3.8	0.2	3.6
PEKISKO A	8 760.0	0.03		262.0		262.0	188.3	73.7
PEKISKO B	61.9	<0.01		0.1		0.1	0.1	
ROYAL 053-15W4								
MIDDLE VIKING D	41.5	0.01		0.5		0.5	0.5	
MIDDLE VIKING E	110.0	<0.01		0.3		0.3	0.3	
RYCROFT 077-05W6								
GETHING B	144.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE A TOTAL	2 500.0			250.0	776.0	1 026.0	430.9	595.1
PRIMARY AREA	283.0	0.10		28.3		28.3		
WATER FLOOD AREA	2 217.0	0.10	0.35	222.0	776.0	998.0		
CHARLIE LAKE C	640.0	0.15		96.0		96.0	34.5	61.5
CHARLIE LAKE J	133.0	0.15		20.0		20.0	10.9	9.1
CHARLIE LAKE K	114.0	<0.01		0.1		0.1	0.1	
CHARLIE LAKE M	579.0	0.15		86.9		86.9	23.7	63.2
HALFWAY B	541.0	0.15		81.2		81.2	22.9	58.3
HALFWAY C WATER FLOOD	4 260.0	0.15	0.22	639.0	937.0	1 576.0	622.0	954.0
HALFWAY D	684.0	0.15		103.0		103.0	18.6	84.4
HALFWAY E	309.0	0.15		46.4		46.4	16.8	29.6
HALFWAY F	170.0	0.15		25.5		25.5	10.6	14.9
HALFWAY G	61.4	0.15		9.2		9.2	0.4	8.8
SADDLE HILLS 076-08W6								
CHARLIE LAKE A	349.0	0.10		34.9		34.9	21.3	13.6
CHARLIE LAKE B	169.0	0.10		16.9		16.9	3.6	13.3
CHARLIE LAKE C	123.0	0.10		12.3		12.3		12.3
CHARLIE LAKE D	31.2	0.10		3.1		3.1	0.3	2.8
CHARLIE LAKE E	123.0	0.10		12.3		12.3	2.6	9.7
HALFWAY A	126.0	0.10		12.6		12.6	0.9	11.7
SAKWATAMAU 063-14W5								
GETHING A	800.0	0.15		120.0		120.0	70.6	49.4
GETHING B	69.4	<0.01		0.1		0.1	0.1	
BELLOY A	736.0	0.15		110.0		110.0	51.7	58.3
BEAVERHILL LAKE A	431.0	0.15		64.5		64.5	9.9	54.6
SALT CREEK 076-09W5								
SLAVE POINT A	178.0	0.10		17.8		17.8	2.0	15.8
GILWOOD A	144.0	0.15		21.6		21.6	14.5	7.1

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC. YEAR	20 DATE LAST REVIEWED AND REMARKS
64	7.50	0.200	0.48	0.85	54	894	41	8 300	1 236.9	1985	85 10
64	3.00	0.180	0.35	0.80	54	885	46	10 305	1 482.8	1982	83 01
128	3.30	0.160	0.32	0.83	69	866	49	10 516	1 583.0	1986	88 01
269	5.23	0.200	0.28	0.83	69	855	49	10 739	1 564.1	1981	90 06
128	6.12	0.190	0.31	0.79	90	879	50	10 711	1 518.3	1979	81 11 - GPP
128	4.44	0.180	0.32	0.80	72	855	46	10 615	1 563.3	1982	90 12
64	1.50	0.160	0.40	0.88	46	891	41	10 551	1 535.9	1984	85 10
64	7.00	0.160	0.49	0.88	44	884	50	10 842	1 619.4	1985	86 03
312	1.25	0.173	0.26	0.84	44	876	49	10 000	1 415.2	1956	86 12 - GPP
192	10.00	0.070	0.20	0.85	55	821	69	21 498	1 818.7	1985	89 06
128	1.90	0.210	0.24	0.85	48	870	49	7 490	1 348.3	1980	88 09 - GPP
192	1.53	0.150	0.47	0.94	20	825	38	7 310	1 201.8	1974	90 10
128	7.32	0.180	0.39	0.85	51	870	40	7 698	1 417.4	1987	88 04
358	2.03	0.190	0.32	0.85	46	855	53	9 000	1 367.4	1964	88 12
65	17.37	0.140	0.25	0.80	51	870	52	9 480	1 417.9	1964	75 12 - ABAND 75 02
64	2.40	0.180	0.21	0.82	66	847	53	8 922	1 344.8	1976	88 08
64	2.00	0.200	0.24	0.82	60	869	46	9 582	1 349.0	1981	82 06 - SUSP 90 01
64	3.50	0.170	0.42	0.82	66	864	53	10 158	1 371.7	1981	82 12 - ABAND 88 05
32	6.00	0.090	0.47	0.82	66	846	53	9 658	1 405.2	1987	90 11
1 812	11.64	0.069	0.30	0.86	70	870	50	10 070	1 365.5	1960	73 06 - GPP
64	1.50	0.100	0.25	0.86	43	870	49	7 677	1 363.3	1981	82 12 - SUSP 82 09
64	0.80	0.180	0.50	0.90	40	840	30	4 052	650.9	1981	88 12 - SUSP 86 03
128	1.14	0.210	0.55	0.80	40	848	33	4 525	615.9	1980	89 12 - SUSP 86 11
64	3.50	0.120	0.37	0.85	60	811	50	10 649	1 234.5	1983	86 12 - SUSP 84 09
1 200					62	889	54	12 774	1 376.3	1981	89 01
168	1.68	0.139	0.13	0.83							
1 032	2.14	0.139	0.13	0.83							
449	1.19	0.183	0.22	0.84	63	865	54	13 057	1 404.8	1982	90 06
107	1.50	0.150	0.35	0.85	55	826	54	13 590	1 460.8	1983	88 12
64	2.16	0.128	0.23	0.84	63	885	54	12 462	1 450.3	1985	89 12 - SUSP 87 03
192	2.93	0.170	0.28	0.84	63	881	54	12 393	1 289.4	1987	88 05
192	4.95	0.150	0.52	0.79	93	835	55	13 318	1 415.6	1983	86 03
1 078	4.44	0.155	0.27	0.79	93	832	55	13 101	1 441.5	1984	88 04
256	3.55	0.140	0.32	0.79	80	835	45	12 639	1 386.9	1982	89 01
64	5.00	0.100	0.33	0.80	93	828	55	12 673	1 455.0	1986	88 04
128	2.19	0.126	0.39	0.79	93	827	55	13 613	1 455.8	1987	88 05
64	1.73	0.130	0.46	0.79	93	828	55		1 371.6	1989	89 11
192	1.44	0.200	0.19	0.78	91	845	72	15 550	1 749.6	1981	85 07
64	2.40	0.170	0.17	0.78	91	845	72	15 530	1 757.4	1984	85 07
64	2.20	0.140	0.20	0.78	91	845	72	15 205	1 727.1	1982	85 07
64	0.59	0.129	0.20	0.80	70	835	70	14 323	1 724.4	1982	84 05 - SUSP 87 11
64	2.20	0.124	0.10	0.78	91	833	72	17 865	1 934.1	1987	87 12
64	4.82	0.090	0.37	0.72	120	816	58	19 589	1 860.2	1989	89 01
318	2.42	0.180	0.27	0.79	142	892	61	13 170	1 725.0	1975	85 10 - GPP
65	1.43	0.120	0.25	0.83	142	892	59	13 090	1 664.5	1975	88 01 - SUSP 76 10
320	2.81	0.170	0.42	0.83	65	800	70	14 523	1 795.3	1984	86 10
64	19.12	0.068	0.19	0.64	224	825	109	27 602	2 801.0	1988	89 07
64	8.24	0.075	0.50	0.90	32	851	55	14 714	1 774.1	1985	86 08
64	4.29	0.096	0.30	0.78	103	839	60	18 348	1 804.1	1966	89 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
SAMSON 044-24W4								
BLAIRMORE A	1 460.0	<0.03		36.7		36.7	36.7	
SAWN LAKE 091-12W5								
SLAVE POINT A	2 200.0	0.08		176.0		176.0	141.3	34.7
SLAVE POINT J	10 290.0	0.05		515.0		515.0	238.2	276.8
SLAVE POINT K	337.0	0.05		16.9		16.9	8.6	8.3
SLAVE POINT L	132.0	0.15		19.8		19.8	9.3	10.5
SLAVE POINT M	329.0	0.15		49.4		49.4	6.0	43.4
SAXON 061-24W5								
CARDIUM A	112.0	0.10		11.2		11.2	2.7	8.5
SEAL 082-14W5								
SLAVE POINT A	1 400.0	0.40		560.0		560.0	450.1	109.9
SLAVE POINT B	237.0	0.30		71.1		71.1	30.8	40.3
SLAVE POINT C	505.0	0.20		101.0		101.0	6.8	94.2
SLAVE POINT D	1 382.0	0.35		484.0		484.0	150.3	333.7
SLAVE POINT E	454.0	0.15		68.1		68.1	0.8	67.3
SLAVE POINT F	74.0	0.15		11.1		11.1	8.1	3.0
SEIU LAKE 025-18W4								
LOWER MANNVILLE G	776.0	0.05		38.8		38.8	10.8	28.0
SENEX 092-04W5								
SLAVE POINT A	337.0	0.15		50.6		50.6	4.0	46.6
KEG RIVER N & SLAVE POINT B	494.0	0.10		49.4		49.4	8.2	41.2
KEG RIVER A	1 890.0	0.05		94.5		94.5	34.5	60.0
KEG RIVER B	1 367.0	0.25		342.0		342.0	103.6	238.4
KEG RIVER C	1 876.0	0.25		469.0		469.0	99.9	369.1
KEG RIVER D	368.0	0.35		129.0		129.0	21.1	107.9
KEG RIVER E	310.0	0.15		46.5		46.5	20.4	26.1
KEG RIVER H	344.0	0.15		51.7		51.7	4.1	47.6
KEG RIVER I	839.0	0.20		168.0		168.0	37.7	130.3
KEG RIVER J	303.0	0.25		75.8		75.8	27.9	47.9
KEG RIVER K	194.0	0.25		48.5		48.5	11.5	37.0
KEG RIVER L	221.0	0.15		33.2		33.2	0.3	32.9
KEG RIVER M	125.0	0.25		31.3		31.3	3.0	28.3
KEG RIVER O	185.0	0.02		3.7		3.7	0.8	2.9
KEG RIVER P	273.0	0.20		54.6		54.6	15.4	39.2
KEG RIVER Q	222.0	0.25		55.5		55.5	18.2	37.3
KEG RIVER R	537.0	0.10		53.7		53.7	17.5	36.2
KEG RIVER S	328.0	0.20		65.6		65.6	11.5	54.1
KEG RIVER T	156.0	0.15		23.4		23.4	2.5	20.9
KEG RIVER U	205.0	0.15		30.8		30.8	3.6	27.2
KEG RIVER V	204.0	0.05		10.2		10.2	3.9	6.3
KEG RIVER W	137.0	0.25		34.3		34.3	5.1	29.2
KEG RIVER X	89.4	0.25		22.4		22.4	5.3	17.1
KEG RIVER Y	74.4	0.10		7.4		7.4	0.4	7.0
KEG RIVER Z	166.0	0.15		24.9		24.9	0.5	24.4
KEG RIVER AA	112.0	0.05		5.6		5.6	0.4	5.2
SHADOW 074-18W5								
GILWOOD A	447.0	0.30		134.0		134.0	57.7	76.3
GILWOOD B	265.0	0.30		79.5		79.5	28.7	50.8
GILWOOD C	756.0	0.25		189.0		189.0	57.1	131.9
GILWOOD D	384.0	0.25		96.0		96.0	25.9	70.1
GILWOOD E	167.0	0.30		50.1		50.1	30.7	19.4
GILWOOD F	245.0	0.30		73.5		73.5	28.0	45.5
GILWOOD G	201.0	0.25		50.3		50.3	12.1	38.2
GILWOOD H	716.0	0.30		215.0		215.0	75.4	139.6
GILWOOD I	118.0	0.25		29.5		29.5	3.3	26.2
GILWOOD J	368.0	0.25		92.0		92.0	9.1	82.9
GILWOOD K	112.0	0.25		28.0		28.0	7.3	20.7
GILWOOD L	180.0	0.30		54.0		54.0	5.5	48.5
GILWOOD M	91.8	0.20		18.4		18.4	4.9	13.5
GILWOOD N	58.3	0.10		5.8		5.8	2.7	3.1
GILWOOD O	255.0	0.25		63.8		63.8	11.9	51.9
GILWOOD P	38.3	0.15		5.7		5.7	2.5	3.2
GILWOOD Q	197.0	0.25		49.3		49.3	11.9	37.4
GILWOOD R	77.3	<0.01		0.1		0.1	0.1	
GILWOOD S	151.0	0.25		30.2		30.2	3.8	26.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
324	3.99	0.186	0.25	0.81	50	887	60	10 830	1 465.5	1953	83 12 - SUSP 80 08
480	8.89	0.075	0.21	0.87	57	822	38	13 169	1 597.7	1983	90 11
2 643	10.12	0.068	0.35	0.87	57	822	38	13 521	1 605.9	1983	88 05
64	14.61	0.061	0.32	0.87	46	828	39	13 528	1 629.5	1985	90 12
64	5.72	0.066	0.38	0.88	44	829	37	12 021	1 629.0	1985	86 03
64	11.10	0.075	0.29	0.87	44	831	45	12 934	1 628.8	1985	85 12
64	2.40	0.140	0.35	0.80	82	833	58	13 143	1 686.3	1977	81 10 - GPP
562	4.50	0.092	0.30	0.86	42	830	68	18 287	1 809.4	1974	83 12
192	4.72	0.055	0.46	0.88	39	830	54	18 670	1 829.2	1985	88 01
189	6.20	0.070	0.30	0.88	39	824	54	17 425	1 784.7	1987	90 11
256	10.94	0.066	0.16	0.89	35	818	52	17 564	1 797.5	1985	87 12
64	13.60	0.079	0.25	0.88	39	825	54	17 528	1 809.0	1987	88 03
64	2.70	0.062	0.21	0.88	39	825	54	17 434	1 816.6	1987	88 08
128	6.29	0.180	0.37	0.85	66	857	38	9 270	1 366.0	1979	82 12 - GPP
64	13.41	0.082	0.45	0.87	57	835	30	9 937	1 044.9	1986	86 12 - SUSP 90 07
64	17.18	0.080	0.39	0.92	27	830	36	13 105	1 262.8	1987	89 04
512	9.15	0.067	0.30	0.86	55	829	31	13 410	1 253.8	1969	88 06
448	4.81	0.100	0.31	0.92	27	831	35	13 463	1 279.5	1985	87 11
576	5.67	0.096	0.32	0.88	27	828	35	13 783	1 282.9	1985	88 07
64	14.30	0.067	0.31	0.87	42	831	49	13 698	1 270.4	1985	86 07
192	6.28	0.054	0.44	0.85	55	829	31	13 474	1 242.0	1986	87 03
128	7.07	0.071	0.37	0.85	55	829	31	12 240	1 226.1	1986	88 04
192	8.51	0.099	0.39	0.85	55	830	37	13 368	1 258.8	1986	88 04
64	12.60	0.064	0.31	0.85	55	829	31	13 436	1 266.6	1987	87 05
64	6.58	0.077	0.35	0.92	30	832	35	13 163	1 297.0	1987	87 11
64	8.55	0.068	0.30	0.85	55	837	31	12 204	1 222.8	1986	87 05
64	4.40	0.075	0.31	0.86	55	830	31	11 896	1 250.7	1986	87 12 - SUSP 89 01
32	6.20	0.139	0.27	0.92	27	830	36	13 157	1 257.6	1987	90 12
128	3.90	0.090	0.34	0.92	27	830	36	13 026	1 260.3	1987	88 02
64	7.80	0.062	0.22	0.92	27	829	36	13 243	1 233.5	1987	88 05
100	11.58	0.070	0.28	0.92	30	834	40	13 070	1 237.0	1987	90 12
128	5.30	0.090	0.39	0.88	47	829	40	12 798	1 269.6	1987	88 03
64	5.40	0.090	0.41	0.85	55	829	31	13 169	1 242.8	1987	88 03
64	6.60	0.080	0.34	0.92	30	829	35	12 351	1 260.0	1987	88 05
64	9.07	0.059	0.30	0.85	55	829	31	11 942	1 286.9	1970	88 06
64	6.08	0.059	0.30	0.85	55	829	31	13 205	1 249.4	1969	88 06
64	4.20	0.060	0.37	0.88	27	845	35	12 963	1 305.9	1987	88 07
64	2.40	0.100	0.43	0.85	55	829	31	12 997	1 245.1	1987	89 03
64	6.90	0.063	0.35	0.92	27	830	36	11 979	1 238.3	1988	89 04
64	4.20	0.060	0.18	0.85	55	834	31		1 230.1	1988	89 08
128	3.90	0.148	0.32	0.89	24	833	83	25 348	2 371.6	1985	88 08
128	2.59	0.130	0.31	0.89	36	840	86	25 206	2 344.3	1985	87 07
256	3.65	0.140	0.35	0.89	23	833	72	25 622	2 374.3	1985	88 05
128	3.06	0.162	0.32	0.89	36	840	86	25 672	2 379.7	1985	87 09
64	2.97	0.130	0.24	0.89	36	838	78	25 306	2 351.0	1984	84 08
64	4.50	0.129	0.26	0.89	26	843	78	25 308	2 352.4	1984	85 01
64	4.05	0.116	0.25	0.89	23	832	86	25 110	2 346.7	1987	87 09
320	3.55	0.120	0.39	0.86	30	840	75	24 358	2 388.7	1956	88 10
64	2.41	0.143	0.40	0.89	26	813	81	25 971	2 417.9	1987	87 12
128	3.65	0.170	0.48	0.89	36	837	84	24 325	2 348.3	1987	88 12
64	1.80	0.170	0.36	0.89	36	835	75	22 839	2 335.8	1988	88 06
64	3.20	0.152	0.35	0.89	36	835	86	24 327	2 351.8	1988	88 07
64	2.29	0.110	0.36	0.89	36	843	86	25 285	2 353.9	1986	86 08
64	1.45	0.116	0.37	0.86	30	840	75	24 488	2 350.8	1987	89 06
64	3.50	0.180	0.29	0.89	36	835	86	25 209	2 373.3	1988	88 09
64	1.20	0.110	0.49	0.89	24	848	82	24 422	2 360.1	1988	89 04
64	3.50	0.150	0.32	0.86	72	838	70	21 397	2 364.5	1988	89 06
64	1.57	0.144	0.40	0.89	36	835	86	23 480	2 363.6	1988	89 06 - ABAND 90 02
64	2.24	0.160	0.26	0.89	36	835	86	24 048	2 348.1	1988	89 06

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
SHADOW 074-18W5 (CONTINUED)								
GILWOOD T	219.0	0.20		43.8		43.8	2.9	40.9
GRANITE WASH A	222.0	0.30		66.6		66.6	16.4	50.2
SHANE 077-02W6								
KISKATINAW SANDSTONE A	67.2	0.10		6.7		6.7	4.5	2.2
WABAMUN A	65.5	0.25		16.0		16.0	1.8	14.2
WABAMUN B	208.0	0.20		41.6		41.6	0.7	40.9
SHEKILIE 118-08W6								
MUSKEG A	95.3	<0.18		16.3		16.3	16.3	
MUSKEG C	233.0	<0.03		5.9		5.9	5.9	
MUSKEG D	280.0	<0.01		0.7		0.7	0.7	
MUSKEG E	213.0	<0.01		0.8		0.8	0.8	
MUSKEG F	110.0	0.20		22.0		22.0	10.7	11.3
MUSKEG G	120.0	0.20		24.0		24.0	15.4	8.6
MUSKEG H	100.0	0.08		8.0		8.0	5.1	2.9
MUSKEG I	75.0	0.35		26.3		26.3	9.0	17.3
MUSKEG J	66.4	0.20		13.3		13.3	8.2	5.1
MUSKEG K	59.2	0.25		14.8		14.8	5.6	9.2
KEG RIVER A	504.0	0.25		126.3		126.3	126.3	
KEG RIVER B	445.0	<0.16		67.4		67.4	67.4	
KEG RIVER C	636.0	0.25		159.0		159.0	140.0	19.0
KEG RIVER D	493.0	0.40		197.0		197.0	153.7	43.3
KEG RIVER E	159.0	<0.07		9.6		9.6	9.6	
KEG RIVER F	238.0	<0.19		45.1		45.1	45.1	
KEG RIVER G	150.0	0.40		60.0		60.0	37.9	22.1
KEG RIVER H	121.0	0.25		30.3		30.3	22.9	7.4
KEG RIVER I	229.0	0.05		11.4		11.4	11.1	0.3
KEG RIVER J	388.0	0.35		136.0		136.0	95.2	40.8
KEG RIVER K	272.0	0.15		40.8		40.8	30.4	10.4
KEG RIVER L	100.0	0.30		30.0		30.0	20.1	9.9
KEG RIVER M	700.0	0.04		28.0		28.0	26.9	1.1
KEG RIVER N	50.0	<0.15		7.3		7.3	7.3	
KEG RIVER O	525.0	<0.02		10.1		10.1	10.1	
KEG RIVER P	754.0	<0.03		22.5		22.5	22.5	
KEG RIVER Q	500.0	0.30		150.0		150.0	68.8	81.2
KEG RIVER R	350.0	0.15		52.5		52.5	19.7	32.8
KEG RIVER S	41.2	<0.19		7.5		7.5	7.5	
KEG RIVER T	450.0	0.10		45.0		45.0	38.9	6.1
KEG RIVER U	250.0	0.35		88.0		88.0	73.6	14.4
KEG RIVER V	151.0	0.40		60.4		60.4	48.4	12.0
KEG RIVER W	299.0	0.20		59.8		59.8	58.3	1.5
KEG RIVER X	94.1	0.30		28.2		28.2	14.1	14.1
KEG RIVER Y	600.0	0.25		150.0	ERSO	150.0	120.4	29.6
KEG RIVER Z	470.0	0.30		141.0		141.0	45.1	95.9
KEG RIVER AA	282.0	<0.05		12.3		12.3	12.3	
KEG RIVER BB	139.0	<0.06		7.1		7.1	7.1	
KEG RIVER CC	270.0	0.35		94.5		94.5	60.7	33.8
KEG RIVER EE	200.0	0.35		70.0		70.0	36.1	33.9
KEG RIVER FF	2 680.0	<0.01		1.7		1.7	1.7	
KEG RIVER GG	320.0	0.15		48.0		48.0	37.1	10.9
KEG RIVER HH	583.0	<0.01		1.9		1.9	1.9	
KEG RIVER II	205.0	<0.02		3.7		3.7	3.7	
KEG RIVER JJ	98.5	<0.06		5.1		5.1	5.1	
KEG RIVER KK	759.0	<0.02		10.7		10.7	10.7	
KEG RIVER LL	190.0	0.30		57.0		57.0	25.9	31.1
KEG RIVER MM	153.0	0.30		45.9		45.9	19.1	26.8
KEG RIVER NN	200.0	0.25		50.0		50.0	31.8	18.2
KEG RIVER OO	340.0	0.20		68.0	ERSO	68.0	38.7	29.3
KEG RIVER PP	95.4	0.30		28.6		28.6	25.9	2.7
KEG RIVER QQ	795.0	0.40		318.0		318.0	274.0	44.0
KEG RIVER RR	210.0	0.20		42.0		42.0	35.5	6.5
KEG RIVER SS	190.0	0.20		38.0		38.0	7.2	30.8
KEG RIVER TT	530.0	0.10		53.0		53.0	36.9	16.1
KEG RIVER UU	400.0	0.10		40.0		40.0	21.6	18.4
KEG RIVER VV	250.0	0.15		37.5		37.5	19.2	18.3
KEG RIVER WW	306.0	0.25		76.5		76.5	34.8	41.7
KEG RIVER XX	45.0	<0.10		4.4		4.4	4.4	
KEG RIVER YY	300.0	0.10		30.0		30.0	16.4	13.6
KEG RIVER ZZ	700.0	0.05		35.0		35.0	13.6	21.4

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	[illegible] YEAR	DATE LAST REVISED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	4.00	0.120	0.20	0.89	36	835	86		2 371.9	1989	89 09
64	5.81	0.139	0.50	0.86	39	846	87	24 875	2 344.3	1986	86 09
64	1.25	0.160	0.30	0.75	128	815	70	14 360	1 473.9	1977	77 12 - SUSP 87 10
64	4.00	0.040	0.20	0.80	70	852	68	25 700	2 316.3	1985	87 05 - GPP
64	14.70	0.040	0.31	0.80	72	859	75	15 149	2 205.5	1989	89 11
31	5.79	0.089	0.11	0.67	155	811	83	17 730	1 746.3	1971	75 03 - SUSP 84 10
64	7.60	0.084	0.15	0.67	135	811	83	13 593	1 664.7	1981	86 12 - SUSP 85 01
64	10.50	0.075	0.17	0.67	155	810	83	12 155	1 739.0	1983	86 12 - SUSP 84 07
64	7.80	0.070	0.13	0.70	155	810	83	17 107	1 701.4	1983	86 12 - SUSP 84 10
27	8.37	0.074	0.06	0.70	145	826	75	18 177	1 767.2	1984	87 12 - SUSP 88 10
19	11.40	0.092	0.13	0.70	120	834	76	17 000	1 788.7	1984	86 01
23	7.95	0.080	0.10	0.76	93	876	70	17 116	1 802.3	1982	90 12
9	14.39	0.092	0.10	0.70	153	838	68	17 047	1 751.5	1985	87 11 - SUSP 90 04
16	12.50	0.050	0.20	0.83	52	849	83	15 858	1 764.2	1977	90 12
32	4.00	0.065	0.11	0.80	66	841	88	20 276	1 761.3	1986	90 12
13	67.06	0.094	0.12	0.70	132	839	83	17 800	1 699.3	1970	89 12 - SUSP 86 12
12	60.62	0.100	0.08	0.68	151	820	81	17 510	1 756.6	1971	82 12 - ABAND 87 08
26	40.75	0.100	0.10	0.68	170	839	83	18 310	1 727.6	1971	90 12 - GPP
15	94.49	0.065	0.15	0.63	176	820	79	18 600	1 728.2	1971	71 12
5	59.04	0.095	0.10	0.63	191	806	79	19 910	1 754.7	1972	74 12 - SUSP 74 11
5	113.39	0.073	0.14	0.69	138	825	84	18 580	1 748.0	1972	88 07 - ABAND 88 03
6	38.16	0.107	0.10	0.68	106	834	83	18 685	1 802.0	1974	87 12 - GPP
9	30.44	0.070	0.10	0.70	132	828	80	15 300	1 777.0	1979	90 12
16	28.40	0.090	0.20	0.70	120	834	83	17 940	1 715.8	1979	90 12 - SUSP 89 12
64	15.00	0.070	0.15	0.68	150	825	74	15 300	1 765.5	1979	80 05 - GPP
25	24.40	0.075	0.15	0.70	132	819	83	20 276	1 722.0	1980	86 12 - GPP
23	8.50	0.080	0.20	0.80	138	823	86	16 104	1 825.3	1980	87 12 - GPP
11	93.60	0.100	0.15	0.80	132	834	83	16 629	1 789.5	1980	90 12 - SUSP 88 04
12	7.00	0.090	0.15	0.78	142	814	81	14 801	1 747.6	1980	82 01 - SUSP 84 10
11	90.00	0.080	0.15	0.80	126	825	85	17 367	1 777.0	1980	84 12 - ABAND 88 02
16	99.02	0.080	0.15	0.70	124	825	86	16 003	1 768.8	1980	86 12 - SUSP 84 10
11	64.73	0.120	0.14	0.68	122	835	93	14 879	1 714.0	1981	83 12 - GPP
10	75.70	0.080	0.15	0.68	143	820	50	18 292	1 750.5	1981	83 06 - GPP
7	28.00	0.040	0.25	0.70	115	835	87	16 094	1 832.0	1981	83 12 - SUSP 84 08
12	68.90	0.080	0.15	0.80	140	826	86	18 615	1 759.3	1980	90 12 - SUSP 90 06
11	39.70	0.100	0.17	0.69	140	826	86	19 919	1 773.0	1980	82 01
16	17.60	0.090	0.15	0.70	150	825	83	17 730	1 685.5	1979	86 12 - GPP
29	31.90	0.070	0.32	0.68	176	845	83	20 720	1 746.0	1980	90 12
11	28.30	0.060	0.30	0.72	95	845	82	17 548	1 747.4	1981	83 12 - SUSP 87 11
28	85.04	0.050	0.20	0.63	151	810	82	20 400	1 795.7	1980	87 11
17	63.20	0.067	0.13	0.75	135	830	68	17 403	1 816.0	1969	88 03
64	15.00	0.060	0.30	0.70	138	833	69	15 440	1 817.5	1981	88 12 - SUSP 86 06
9	51.00	0.050	0.15	0.71	113	825	82	15 598	1 712.5	1981	88 12 - SUSP 86 07
9	61.50	0.080	0.15	0.70	138	826	80	17 066	1 721.8	1982	84 05
11	41.80	0.080	0.20	0.68	130	835	95	15 949	1 828.2	1982	84 06
64	55.90	0.120	0.12	0.71	132	834	83	14 257	1 765.6	1983	86 12 - SUSP 84 09
16	38.00	0.090	0.14	0.68	113	834	74	16 928	1 814.0	1983	90 12
64	15.30	0.100	0.15	0.70	138	826	80	18 844	1 728.4	1983	86 12 - ABAND 87 09
16	31.50	0.070	0.17	0.70	138	826	80	16 420	1 741.3	1983	88 12 - SUSP 85 11
15	11.00	0.090	0.16	0.79	180	831	63	16 075	1 760.9	1983	85 10 - ABAND 87 10
64	24.50	0.080	0.11	0.68	146	821	83	11 360	1 818.7	1984	89 12 - SUSP 87 04
8	46.50	0.085	0.09	0.66	133	818	70	19 936	1 783.0	1984	85 08
16	32.20	0.050	0.15	0.70	130	838	49	15 172	1 760.3	1983	85 12 - SUSP 88 12
12	32.50	0.090	0.10	0.63	111	824	76	19 805	1 763.5	1983	89 12
28	35.13	0.059	0.14	0.69	133	816	89	19 700	1 789.7	1983	87 03
32	4.50	0.100	0.08	0.72	100	848	79	14 766	1 832.3	1982	90 06
30	55.50	0.073	0.10	0.72	119	845	70	17 102	1 742.0	1971	77 05
4	42.00	0.180	0.10	0.77	112	870	82	19 097	1 840.0	1983	89 12
5	71.00	0.080	0.15	0.77	96	845	71	18 030	1 780.0	1983	88 12 - GPP
12	63.30	0.120	0.17	0.70	130	830	49	16 655	1 783.8	1983	89 12
8	93.80	0.090	0.20	0.74	146	827	83	13 891	1 831.5	1983	86 07 - GPP
17	24.80	0.100	0.14	0.69	130	824	98	19 274	1 824.8	1984	88 03
13	46.92	0.086	0.19	0.72	80	826	80	15 663	1 671.9	1984	86 12
6	33.08	0.041	0.21	0.70	138	826	80	17 050	1 735.1	1984	88 12 - SUSP 86 06
19	20.30	0.120	0.10	0.72	120	835	56	17 868	1 760.0	1984	89 12 - GPP
18	56.40	0.110	0.13	0.72	105	803	85	18 619	1 776.3	1985	89 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SHEKILIE 118-08W6 (CONTINUED)								
KEG RIVER AAA	500.0	0.15		75.0		75.0	57.3	17.7
KEG RIVER BBB	450.0	0.05		22.5		22.5	4.8	17.7
KEG RIVER CCC	500.0	0.05		25.0		25.0	17.7	7.3
KEG RIVER DDD	300.0	0.05		15.0		15.0	10.6	4.4
KEG RIVER EEE	500.0	0.07		35.0		35.0	27.2	7.8
KEG RIVER FFF	1 300.0	<0.01		0.9		0.9	0.9	
KEG RIVER GGG	600.0	0.20		120.0		120.0	7.5	112.5
KEG RIVER HHH	200.0	0.05		10.0		10.0	4.6	5.4
KEG RIVER III WATER FLOOD	142.0	0.30	0.17	42.6	24.1	66.7	42.8	23.9
KEG RIVER JJJ	825.0	<0.01		0.4		0.4	0.4	
KEG RIVER KKK	450.0	<0.02		8.7		8.7	8.7	
KEG RIVER LLL	300.0	0.30		90.0		90.0	24.7	65.3
KEG RIVER MMM	330.0	0.20		66.0		66.0	23.2	42.8
KEG RIVER NNN	130.0	<0.02		2.1		2.1	2.1	
KEG RIVER OOO	325.0	0.25		81.3		81.3	39.6	41.7
KEG RIVER PPP	100.0	0.15		15.0		15.0	7.0	8.0
KEG RIVER QQQ	384.0	0.20		76.8		76.8	15.2	61.6
KEG RIVER SSS	400.0	0.05		20.0		20.0	16.3	3.7
KEG RIVER TTT	207.0	0.10		20.7		20.7	13.5	7.2
KEG RIVER UUU WATER FLOOD	500.0	0.30	0.15	150.0	75.0	225.0	74.2	150.8
KEG RIVER VVV	250.0	0.05		12.5		12.5	9.7	2.8
KEG RIVER WWW	93.8	0.20		18.8		18.8	0.9	17.9
KEG RIVER XXX	130.0	0.25		32.5		32.5	3.2	29.3
KEG RIVER YYY	720.0	0.35		252.0		252.0	53.3	198.7
KEG RIVER ZZZ	239.0	0.25		59.8		59.8	15.5	44.3
KEG RIVER A2A	433.0	0.30		130.0		130.0	14.9	115.1
KEG RIVER B2B	500.0	0.30		150.0		150.0	12.7	137.3
KEG RIVER C2C	467.0	0.30		140.0		140.0	12.7	127.3
KEG RIVER D2D	533.0	0.30		160.0		160.0	11.5	148.5
KEG RIVER E2E	168.0	0.03		5.0		5.0	0.5	4.5
KEG RIVER F2F	801.0	0.20		160.0		160.0	10.4	149.6
KEG RIVER G2G	539.0	0.30		162.0		162.0	8.3	153.7
KEG RIVER H2H	31.0	0.20		6.2		6.2		6.2
SHELDON 073-22W5								
GILWOOD A	81.9	<0.02		0.2		0.2	0.2	
SHOAL 082-07W5								
GRANITE WASH A	150.0	0.20		30.0		30.0	9.7	20.3
SHOULDICE 020-23W4								
BOW ISLAND A	78.6	<0.01		0.3		0.3	0.3	
GLAUCONITIC B	29.7	<0.01		0.2		0.2	0.2	
GLAUCONITIC E WATER FLOOD	500.0	0.20	0.10	100.0	50.0	150.0	100.7	49.3
GLAUCONITIC G	1 250.0	0.15		188.0		188.0	94.2	93.8
GLAUCONITIC H	351.0	0.15		52.7		52.7	2.8	49.9
GLAUCONITIC I	400.0	0.20		80.0		80.0	47.1	32.9
GLAUCONITIC J	200.0	0.10		20.0		20.0	14.2	5.8
GLAUCONITIC K	145.0	0.10		14.5		14.5	9.0	5.5
GLAUCONITIC M	1 000.0	0.10		100.0		100.0	20.6	79.4
GLAUCONITIC N	246.0	0.05		12.3		12.3	6.8	5.5
ELLERSLIE A	61.2	<0.04		1.9		1.9	1.9	
ELLERSLIE B	82.9	0.10		8.3		8.3	0.2	8.1
ELLERSLIE C	767.0	0.15		115.0		115.0	56.8	58.2
ELLERSLIE E	172.0	<0.01		0.7		0.7	0.7	
ELLERSLIE F	137.0	0.15		20.6		20.6	0.4	20.2
ELLERSLIE G	45.6	0.15		6.8		6.8	0.8	6.0
ELLERSLIE J	317.0	0.05		15.9		15.9	0.1	15.8
SIMONETTE 063-26W5								
DUNVEGAN A	1 920.0	0.10		192.0		192.0	155.6	36.4
DUNVEGAN B	109.0	<0.01		0.2		0.2	0.2	
DUNVEGAN F	73.0	<0.01		0.6		0.6	0.6	
BLUESKY A	62.8	0.10		6.3		6.3	2.6	3.7
GETHING B	310.0	0.10		31.0		31.0	21.5	9.5
GETHING C	126.0	0.10		12.6		12.6	1.7	10.9
NORDEGG A	833.0	0.10		83.3		83.3	19.7	63.6
WABAMUN C	1 510.0	<0.02		29.3		29.3	29.3	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 [illegible] YEAR	20 DATE LAST [illegible]
11	80.20	0.095	0.11	0.67	151	808	91	18 413	1 756.6	1985	90 12
15	46.90	0.100	0.20	0.80	74	845	82	16 996	1 786.8	1985	89 12 - GPP
15	101.10	0.054	0.15	0.72	118	840	60	18 023	1 810.5	1985	90 12
7	98.80	0.070	0.14	0.72	113	840	64	15 554	1 838.0	1985	90 12 - GPP
11	66.50	0.113	0.16	0.72	114	840	61	17 824	1 862.0	1985	90 12
64	45.30	0.075	0.12	0.68	150	820	82	16 288	1 789.2	1985	85 08 - SUSP 85 05
10	87.00	0.095	0.10	0.80	74	834	82	21 460	1 804.2	1985	86 07
8	65.10	0.080	0.20	0.60	195	820	60	11 557	1 737.8	1985	89 12 - GPP
4	79.00	0.069	0.12	0.74	167	835	62	19 427	1 777.8	1985	88 03
64	34.50	0.066	0.18	0.69	130	808	98	14 755	1 776.3	1985	86 09 - ABAND 87 05
13	76.94	0.079	0.15	0.67	151	830	91	15 833	1 780.2	1986	87 10 - ABAND 87 11
10	46.09	0.103	0.11	0.71	120	845	71	15 040	1 890.0	1985	86 05
14	46.19	0.086	0.14	0.69	130	826	72	18 160	1 756.5	1985	86 05
10	33.24	0.076	0.17	0.62	153	830	76	16 750	1 785.5	1985	86 06 - SUSP 86 01
11	46.70	0.099	0.18	0.78	153	811	76	13 601	1 760.1	1986	87 08
14	11.67	0.100	0.15	0.72	133	841	70	18 796	1 784.5	1982	87 07
16	55.00	0.074	0.17	0.71	149	815	88	14 935	1 798.5	1987	89 12
11	42.83	0.144	0.12	0.67	153	848	76	17 950	1 757.5	1987	90 12 - GPP
16	47.50	0.042	0.10	0.72	133	838	70		1 829.3	1987	89 12
11	93.18	0.079	0.13	0.71	133	838	70	12 846	1 766.5	1986	88 07
15	48.35	0.057	0.16	0.72	133	838	70	16 618	1 775.3	1986	90 12 - SUSP 88 03
64	7.70	0.040	0.29	0.67	153	840	76	19 846	1 825.9	1987	88 05 - SUSP 89 09
19	24.00	0.050	0.15	0.67	153	838	76	15 338	1 754.0	1987	89 01 - SUSP 89 04
12	85.36	0.110	0.10	0.71	132	834	83	14 536	1 706.2	1987	88 11
12	32.00	0.093	0.13	0.77	153	849	76	16 609	1 740.0	1988	89 03
8	75.37	0.120	0.12	0.68	151	821	82		1 792.8	1988	89 03
10	60.63	0.132	0.12	0.71	132	834	83		1 793.0	1988	89 05
23	25.80	0.120	0.17	0.79	80	837	80		1 800.3	1988	89 05
12	50.42	0.141	0.12	0.71	133	838	70	16 925	1 768.2	1988	89 08
11	28.80	0.080	0.14	0.77	96	845	71	14 411	1 731.8	1989	90 01
16	44.00	0.180	0.11	0.71	132	834	83		1 747.0	1989	90 03
16	44.00	0.120	0.16	0.76	106	834	82		1 750.0	1989	90 06
16	7.00	0.050	0.23	0.72	133	838	70		1 735.5	1989	90 06 - SUSP 90 06
64	1.60	0.165	0.43	0.85	43	842	94	29 295	2 854.2	1987	89 12 - SUSP 87 06
119	1.70	0.110	0.27	0.92	54	832	50	16 803	1 646.6	1982	89 01
64	1.50	0.150	0.40	0.91	32	847	40	7 729	1 393.0	1984	84 09 - ABAND 84 03
64	0.60	0.140	0.35	0.85	59	871	42	13 503	1 623.5	1982	83 02 - SUSP 83 02
64	5.13	0.230	0.16	0.79	92	849	39	13 529	1 650.9	1975	89 04
121	10.21	0.210	0.25	0.73	120	824	46	13 321	1 642.8	1981	89 10
64	5.76	0.172	0.30	0.79	98	813	42	12 710	1 624.3	1986	87 02 - SUSP 90 01
72	4.45	0.210	0.25	0.79	98	838	45	13 134	1 666.6	1987	89 10
64	2.47	0.200	0.20	0.79	98	813	42	13 128	1 664.5	1981	89 06
64	1.80	0.210	0.24	0.79	98	813	43	13 317	1 661.8	1987	88 04 - GPP
128	7.36	0.184	0.27	0.79	110	850	42	12 463	1 654.0	1988	89 06
64	3.20	0.200	0.24	0.79	98	813	42	13 479	1 472.6	1989	90 08
64	1.60	0.120	0.40	0.83	46	838	40	13 291	1 658.0	1981	83 02 - ABAND 86 02
64	1.50	0.160	0.35	0.83	66	859	44	14 490	1 717.3	1981	82 09 - SUSP 90 05
488	1.94	0.160	0.39	0.83	96	854	40	13 876	1 583.7	1972	89 10
64	4.50	0.120	0.40	0.83	66	873	51	14 414	1 679.8	1982	86 12 - ABAND 85 06
64	2.30	0.190	0.41	0.83	125	850	65	13 347	1 684.0	1987	87 08
64	1.20	0.130	0.55	0.83	83	839	45	12 233	1 596.0	1980	89 03
64	8.20	0.140	0.48	0.83	83	839	45	12 210	1 542.6	1989	90 03 - SUSP 90 06
384	7.20	0.130	0.35	0.82	77	822	61	13 375	2 047.3	1980	87 02
64	3.30	0.098	0.36	0.82	70	822	61	13 565	1 927.0	1980	83 12 - ABAND 82 11
64	2.80	0.087	0.35	0.72	97	825	61	13 500	1 884.0	1983	89 12 - SUSP 86 05
64	1.45	0.123	0.14	0.64	199	822	83	20 235	1 416.3	1986	87 05
230	1.86	0.130	0.12	0.64	199	822	83	22 648	2 442.0	1978	84 05
64	3.50	0.120	0.23	0.61	323	773	79	26 357	2 881.2	1981	82 03 - SUSP 89 04
32	22.00	0.150	0.17	0.95	19	902	119	28 702	2 408.1	1988	88 12
64	44.50	0.100	0.17	0.64	172	825	96	32 890	3 351.0	1964	84 02 - SUSP 86 01

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 ENHANCED 10³m³	6 TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
SIMONETTE 063-26W5 (CONTINUED)								
D-3 TOTAL	18 000.0			6 100.0	72.0	6 172.0	5 948.7	223.3
PRIMARY AREA	16 800.0	<0.34		5 620.0		5 620.0		
SOLVENT FLOOD AREA	1 200.0	0.40	0.06	480.0	72.0	552.0		
D-3 B	526.0	0.30		158.0		158.0	47.9	110.1
D-3 C	500.0	0.50		250.0		250.0	117.2	132.8
SINCLAIR 075-12W6								
DOE CREEK B	1 600.0	0.10		160.0		160.0	18.9	141.1
DOE CREEK C	129.0	0.10		12.9		12.9	2.6	10.3
DOE CREEK D	2 630.0	0.10		263.0		263.0	78.5	184.5
DOE CREEK H	50.7	0.10		5.1		5.1	2.5	2.6
DOE CREEK I & J	277.0	0.05		13.8		13.8	4.1	9.7
SKARO 057-19W4								
COOKING LAKE	474.0	0.10		47.4		47.4	36.6	10.8
SLAVE 084-14W5								
SLAVE POINT H	5 080.0	0.30		1 520.0		1 520.0	704.7	815.3
SLAVE POINT L	1 360.0	0.30		408.0		408.0	124.7	283.3
SLAVE POINT N	313.0	0.05		15.6		15.6	10.8	4.8
SLAVE POINT O	339.0	<0.02		4.1		4.1	4.1	
SLAVE POINT P	31.3	<0.01		0.1		0.1	0.1	
SLAVE POINT Q	125.0	0.30		37.5		37.5	10.5	27.0
SLAVE POINT R	103.0	<0.01		0.9		0.9	0.9	
SLAVE POINT S	3 915.0	0.30		1 175.0		1 175.0	556.7	618.3
SLAVE POINT T	410.0	0.25		103.0		103.0	16.6	86.4
SLAVE POINT U	141.0	<0.02		1.6		1.6	1.6	
SLAVE POINT V	172.0	<0.01		0.1		0.1	0.1	
SLAVE POINT X	185.0	0.30		55.5		55.5	5.8	49.7
SLAVE POINT Z	128.0	0.01		1.3		1.3	0.3	1.0
SLAVE POINT AA	290.0	0.25		72.5		72.5	22.5	50.0
SLAVE POINT BB	134.0	0.10		13.4		13.4	2.0	11.4
SLAVE POINT CC	356.0	0.30		107.0		107.0	12.6	94.4
GRANITE WASH B	45.5	0.20		9.1		9.1	3.5	5.6
GRANITE WASH D	187.0	0.25		46.8		46.8	6.2	40.6
GRANITE WASH E	91.8	0.30		27.5		27.5	3.7	23.8
GRANITE WASH F	100.0	0.25		25.0		25.0	8.2	16.8
SNIPE LAKE 071-18W5								
BEAVERHILL LAKE TOTAL	31 100.0			3 728.0	8 680.0	12 410.0	8 961.0	3 449.0
PRIMARY AREA	52.0	0.15		7.8		7.8		
WATER FLOOD AREA	31 000.0	0.12	0.28	3 720.0	8 680.0	12 400.0		
BEAVERHILL LAKE B	130.0	0.20		26.0		26.0	14.8	11.2
GILWOOD A	91.2	0.25		22.8		22.8	7.4	15.4
SOUNDING 030-09W4								
UPPER MANNVILLE D	215.0	0.05		10.8		10.8	2.4	8.4
SOUSA 113-04W6								
SULPHUR POINT A	319.0	<0.01		0.3		0.3	0.3	
KEG RIVER A	284.0	<0.04		11.2		11.2	11.2	
KEG RIVER B	140.0	0.10		14.0		14.0	3.9	10.1
KEG RIVER C	308.0	0.05		15.4		15.4	8.5	6.9
KEG RIVER D	1 390.0	0.06		83.4		83.4	72.2	11.2
KEG RIVER E	250.0	0.20		50.0		50.0	14.8	35.2
KEG RIVER F	891.0	0.10		89.1		89.1	71.6	17.5
KEG RIVER G	926.0	<0.01		1.9		1.9	1.9	
KEG RIVER H	396.0	0.12		47.5		47.5	44.8	2.7
KEG RIVER I	62.3	<0.04		2.3		2.3	2.3	
KEG RIVER J	256.0	<0.01		0.3		0.3	0.3	
KEG RIVER K	108.0	0.25		27.0		27.0	2.2	24.8
KEG RIVER L	132.0	<0.01		0.1		0.1	0.1	
KEG RIVER M	124.0	0.10		12.4		12.4	5.4	7.0
KEG RIVER N	160.0	0.30		48.0		48.0	10.6	37.4
KEG RIVER O	70.0	0.04		2.8		2.8	2.8	
KEG RIVER P	276.0	0.05		13.8		13.8	0.4	13.4
KEG RIVER Q	272.0	0.25		68.0		68.0	9.5	58.5
KEG RIVER R	179.0	0.05		9.0		9.0	2.3	6.7
KEG RIVER S	121.0	0.25		30.3		30.3	1.4	28.9

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
3 136					552	792	105	35 670	3 533.5	1958	88 05 - GPP
2 992	28.37	0.062	0.16	0.38							
144	42.11	0.062	0.16	0.38							
64	28.60	0.090	0.16	0.38	552	793	95	32 000	3 547.0	1982	83 04
55	43.10	0.080	0.15	0.31	555	788	105	36 074	3 572.7	1985	89 09
320	4.09	0.210	0.38	0.94	38	837	28	4 468	788.8	1984	86 06
64	2.80	0.150	0.40	0.80	84	861	32	6 674	1 086.0	1978	86 02
512	3.89	0.178	0.21	0.94	70	822	35	7 513	925.2	1986	88 02 - GPP
64	0.98	0.136	0.34	0.90	37	837	36	6 229	954.0	1987	87 09
128	2.12	0.170	0.36	0.94	19	831	38	6 871	991.6	1987	90 08
80	5.63	0.170	0.32	0.91	28	860	41	8 480	1 119.2	1951	87 07 - GPP
832	10.08	0.085	0.19	0.88	32	827	50	17 200	1 744.5	1982	85 08
320	5.33	0.108	0.17	0.89	32	827	50	16 839	1 670.7	1984	86 04
64	8.70	0.085	0.29	0.93	12	825	56	16 270	1 790.8	1985	90 12 - SUSP 88 07
64	8.00	0.095	0.25	0.93	44	820	55	17 315	1 800.8	1984	87 12 - ABAND 89 03
64	1.31	0.060	0.33	0.93	12	825	56	16 744	1 803.1	1985	86 03 - SUSP 86 01
128	3.18	0.057	0.42	0.93	12	825	56	17 107	1 791.9	1985	86 03
64	6.05	0.060	0.48	0.85	12	830	56	16 039	1 773.2	1985	89 12 - ABAND 88 10
1 209	6.07	0.081	0.26	0.89	32	827	50	17 367	1 698.1	1980	87 10
128	8.63	0.057	0.26	0.88	39	847	54	15 878	1 791.1	1985	87 05
64	5.68	0.062	0.29	0.88	39	840	54	16 108	1 797.5	1985	86 05 - ABAND 89 09
64	5.00	0.090	0.32	0.88	36	823	50	16 277	1 690.4	1986	86 08 - SUSP 86 07
128	5.24	0.055	0.43	0.88	36	823	55	15 233	1 743.9	1986	87 05
64	3.80	0.080	0.26	0.89	32	820	50	15 168	1 713.1	1987	90 12 - SUSP 87 12
192	2.90	0.080	0.27	0.89	32	825	50	16 396	1 713.8	1987	88 05
64	5.09	0.063	0.26	0.88	36	818	50	15 983	1 794.9	1986	89 12
128	5.39	0.069	0.16	0.89	32	825	50	16 571	1 705.3	1987	88 11
64	2.00	0.070	0.41	0.86	40	825	68	17 657	1 782.5	1985	86 03
64	2.80	0.150	0.18	0.85	46	835	69	16 890	1 753.7	1985	86 05
64	1.80	0.120	0.19	0.82	62	835	69	16 941	1 764.0	1985	86 06
112	1.51	0.110	0.40	0.90	14	834	43	16 043	1 717.3	1987	88 12
7 237					59	839	88	26 340	2 630.0	1962	90 12
64	2.00	0.067	0.27	0.83							
7 173	10.49	0.068	0.27	0.83							- GPP
64	3.40	0.095	0.24	0.83	53	829	66	26 037	2 652.8	1985	85 08
64	1.84	0.150	0.42	0.89	36	834	86	24 028	2 654.0	1987	88 05
64	2.10	0.250	0.29	0.90	39	873	33	6 660	919.8	1971	85 06 - GPP
64	17.83	0.046	0.25	0.81	74	876	72	14 070	1 414.6	1968	71 05 - SUSP 85 03
22	33.22	0.060	0.20	0.80	80	839	74	15 220	1 540.5	1969	84 12 - ABAND 84 01
11	55.84	0.037	0.30	0.88	30	839	70	15 000	1 494.5	1967	86 06
16	84.70	0.037	0.31	0.89	32	834	75	14 940	1 478.0	1968	90 11
74	67.00	0.045	0.28	0.87	39	844	80	15 200	1 508.8	1969	85 12 - GPP
16	29.26	0.075	0.15	0.83	62	849	71	14 930	1 495.3	1970	85 12
47	50.35	0.054	0.19	0.87	39	844	80	15 440	1 522.6	1970	84 12 - GPP
42	53.28	0.060	0.20	0.87	39	844	80	15 580	1 543.5	1970	85 07 - ABAND 90 02
25	62.88	0.040	0.29	0.87	39	844	80	15 200	1 527.0	1970	83 12 - GPP
11	49.01	0.020	0.37	0.89	32	829	75	14 790	1 488.6	1970	82 12 - ABAND 81 02
15	70.01	0.040	0.30	0.87	57	849	80	15 240	1 559.7	1970	81 05 - SUSP 82 09
64	30.30	0.010	0.36	0.87	39	848	80	14 175	1 486.2	1985	86 05
64	55.00	0.010	0.57	0.87	39	875	80	15 662	1 515.5	1986	86 05 - SUSP 86 03
37	16.70	0.032	0.28	0.87	39	843	80	14 844	1 520.0	1986	88 03
25	51.40	0.022	0.35	0.87	39	843	80	15 270	1 520.5	1986	88 03
33	25.30	0.016	0.32	0.77	95	843	80	14 736	1 502.0	1986	88 05 - ABAND 90 02
16	63.30	0.040	0.22	0.87	39	843	80	15 322	1 540.3	1987	89 12
64	61.50	0.013	0.39	0.87	39	854	80	15 397	1 535.3	1985	87 09
64	34.00	0.017	0.45	0.88	32	860	68	14 662	1 490.5	1986	90 12 - SUSP 90 07
64	63.30	0.010	0.66	0.88	32	834	75	15 059	1 513.2	1986	88 05

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
SPIRIT RIVER 078-07W6								
DOE CREEK A	217.0	0.05		10.9		10.9	1.4	9.5
DOE CREEK C	4 260.0	0.10		426.0		426.0	79.2	346.8
DOE CREEK E	170.0	0.10		17.0		17.0	1.0	16.0
DOE CREEK F	77.1	0.05		3.8		3.8	1.1	2.7
DOE CREEK G	189.0	0.05		9.5		9.5		9.5
GETHING A	69.4	<0.01		0.1		0.1	0.1	
BALDONNEL A	171.0	<0.01		0.5		0.5	0.5	
CHARLIE LAKE D	240.0	0.10		24.0		24.0	9.8	14.2
CHARLIE LAKE F	54.8	<0.01		0.3		0.3	0.3	
CHARLIE LAKE J	61.8	0.30		18.5		18.5	11.8	6.7
CHARLIE LAKE L	119.0	0.10		11.9		11.9		11.9
CHARLIE LAKE G,H & I	135.0	0.10		13.5		13.5	4.7	8.8
CHARLIE LAKE E & M	1 980.0	0.15		297.0		297.0	87.7	209.3
CHARLIE LAKE K & HALFWAY F TOTAL	7 185.0			1 222.0	1 252.0	2 474.0	1 163.4	1 310.6
PRIMARY AREA	227.0	0.17		38.6		38.6		
WATER FLOOD AREA	6 958.0	0.17	0.18	1 183.0	1 252.0	2 435.0		
SPRING COULEE 003-23W4								
RUNDLE	413.0	<0.04		13.0		13.0	13.0	
ST. ALBERT-BIG LAKE 053-26W4								
BIG LAKE D-1 A	254.0	<0.17		41.3		41.3	41.3	
D-1 D	2 880.0	0.10		288.0		288.0	141.6	146.4
D-1 E	299.0	0.05		15.0		15.0	2.3	12.7
BIG LAKE D-2 A	500.0	0.65		325.0		325.0	293.1	31.9
BIG LAKE D-3 A	3 700.0	0.65		2 400.0		2 400.0	2 209.4	190.6
ST. ALBERT D-3 B	1 750.0	0.60		1 050.0		1 050.0	892.4	157.6
STANMORE 029-11W4								
UPPER MANNVILLE B	283.0	<0.06		15.1		15.1	15.1	
UPPER MANNVILLE G	356.0	0.03		10.7		10.7	6.2	4.5
UPPER MANNVILLE P	1 730.0	0.05		86.4		86.4	35.4	51.0
UPPER MANNVILLE W	36.5	<0.02		0.5		0.5	0.5	
UPPER MANNVILLE Y	168.0	0.10		16.8		16.8	2.7	14.1
UPPER MANNVILLE DD	396.0	0.05		19.8		19.8	3.9	15.9
UPPER MANNVILLE EE	59.6	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE F	98.0	0.10		9.9		9.9	9.4	0.5
LOWER MANNVILLE H	114.0	0.10		11.4		11.4	6.0	5.4
LOWER MANNVILLE L	148.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE Q	700.0	0.10		70.0		70.0	44.7	25.3
LOWER MANNVILLE T	171.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE X	62.2	0.15		9.3		9.3	7.9	1.4
LOWER MANNVILLE Y	130.0	<0.02		2.2		2.2	2.2	
LOWER MANNVILLE CC	257.0	0.05		12.8		12.8	0.2	12.6
LOWER MANNVILLE A&B	193.0	0.06		11.6		11.6	10.8	0.8
STEELE 065-25W4								
GRAND RAPIDS R	1 468.0	0.05		73.4		73.4	2.6	70.8
GRAND RAPIDS S	358.0	0.05		17.9		17.9	0.3	17.6
STETTLER 038-20W4								
UPPER MANNVILLE C	186.0	0.05		9.3		9.3	0.8	8.5
LOWER MANNVILLE A	1 110.0	0.01		11.1		11.1	1.0	10.1
D-2 A TOTAL	9 430.0			2 833.0	1 380.0	4 213.0	4 086.6	126.4
PRIMARY AREA	210.0	0.30		63.0		63.0		
WATER FLOOD AREA	9 220.0	0.30	0.15	2 770.0	1 380.0	4 150.0		
D-2 B	95.0	<0.01		3.3		3.3	3.3	
D-2 C	310.0	<0.01		0.1		0.1	0.1	
D-3 A	6 150.0	0.60		3 690.0		3 690.0	3 354.7	335.3
D-3 B	420.0	0.65		273.0		273.0	257.9	15.1
D-3 D	106.0	0.15		15.9		15.9	9.4	6.5
D-3 E	172.0	0.10		17.2		17.2	1.9	15.3
D-3 F	103.0	0.25		25.8		25.8	1.2	24.6
D-3 G	20.8	0.60		12.5		12.5	5.7	6.8
STETTLER NORTH 039-20W4								
UPPER MANNVILLE A	618.0	0.08		49.4		49.4	39.5	9.9

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST PRODUCED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	3.00	0.170	0.26	0.90	39	850	24	1 503	306.5	1985	89 12
1 790	1.59	0.228	0.30	0.94	21	840	29	1 859	553.8	1986	88 10
64	3.30	0.152	0.40	0.88	50	840	28	5 029	492.4	1984	88 08
64	1.05	0.180	0.30	0.91	38	850	25	1 426	300.6	1987	88 04
64	2.20	0.230	0.35	0.90	45	842	28	2 545	545.1	1987	89 03
64	1.70	0.150	0.50	0.85	66	809	20	10 904	1 388.7	1981	83 04 - ABAND 85 06
64	4.42	0.130	0.38	0.75	100	810	52	12 287	1 456.9	1984	85 07 - ABAND 88 10
64	3.00	0.200	0.20	0.78	88	839	69	14 174	1 661.7	1980	80 12 - GPP
64	2.00	0.090	0.42	0.82	60	830	70	13 482	1 627.0	1983	88 12 - ABAND 89 12
100	0.67	0.146	0.23	0.82	64	834	66	12 476	1 473.9	1983	87 12
64	3.50	0.090	0.21	0.75	107	837	62	13 525	1 594.0	1988	88 08
128	2.06	0.100	0.39	0.84	67	826	62	12 886	1 589.3	1980	85 07
1 287	1.45	0.135	0.17	0.84	67	830	62	13 800	1 578.3	1980	89 10
1 553					100	837	59	13 166	1 429.3	1983	90 05
86	2.55	0.160	0.19	0.80							
1 467	4.63	0.160	0.20	0.80							
331	2.83	0.070	0.25	0.84	46	855	56	10 070	1 835.5	1950	78 10 - SUSP 84 11
110	5.85	0.058	0.20	0.85	70	849	53	9 310	1 225.9	1957	83 12 - SUSP 83 12
240	29.46	0.080	0.40	0.85	70	851	54	9 332	1 222.7	1953	83 10
64	14.40	0.080	0.50	0.81	53	861	50	9 321	1 226.4	1984	89 12
130	16.50	0.034	0.22	0.88	71	844	55	10 620	1 336.5	1956	82 12
101	43.24	0.110	0.06	0.82	62	849	58	11 240	1 463.6	1956	82 12 - GPP
110	22.00	0.098	0.09	0.81	73	855	58	11 030	1 424.9	1952	83 12
65	3.71	0.195	0.32	0.90	42	876	38	8 880	1 043.6	1970	86 12 - SUSP 86 01
64	4.60	0.206	0.35	0.90	43	876	32	9 280	1 062.2	1976	79 12 - SUSP 88 07
480	3.51	0.200	0.43	0.90	56	865	37	9 408	1 048.5	1979	85 12 - GPP
32	2.00	0.120	0.50	0.95	20	910	30	9 419	1 047.2	1978	84 11 - ABAND 89 10
128	1.79	0.160	0.46	0.85	46	890	36	7 371	1 086.3	1985	86 06
128	4.50	0.190	0.58	0.86	55	875	32	7 969	1 077.2	1987	88 10 - GPP
64	1.23	0.140	0.40	0.90	47	876	27	8 600	1 046.1	1972	78 02 - SUSP 79 02
65	1.83	0.120	0.25	0.92	34	892	38	9 300	1 038.8	1976	77 07 - GPP
64	1.23	0.240	0.30	0.86	51	887	37	9 240	1 045.0	1977	79 05 - GPP
64	2.00	0.180	0.30	0.92	36	876	39	6 270	1 066.1	1978	82 12 - ABAND 81 07
256	1.96	0.230	0.32	0.89	45	863	38	9 461	1 084.7	1980	87 12
64	2.30	0.210	0.40	0.92	126	858	50	9 631	1 087.7	1979	83 12 - ABAND 89 11
64	1.00	0.180	0.40	0.90	18	863	37	6 234	1 072.5	1984	87 12 - GPP
64	1.17	0.260	0.25	0.89	62	889	37	8 517	1 028.1	1976	88 12 - SUSP 86 05
64	4.70	0.190	0.49	0.88	45	848	38	6 442	1 074.6	1987	88 07 - SUSP 88 12
64	2.70	0.200	0.35	0.86	37	870	49	9 480	1 076.2	1970	84 12 - GPP
64	10.41	0.290	0.20	0.95	18	963	30	4 309	631.8	1988	88 07
16	11.00	0.320	0.33	0.95	19	967	31	4 235	627.3	1988	89 01
64	3.17	0.160	0.35	0.88	58	872	35	9 068	1 296.4	1987	88 03
64	17.37	0.160	0.30	0.88	46	870	47	8 140	1 319.8	1974	85 12 - SUSP 90 08
2 239					63	876	62	12 000	1 585.9	1949	86 06
112	5.94	0.050	0.22	0.81							
2 127	13.72	0.050	0.22	0.81							- GPP
64	2.60	0.080	0.12	0.81	62	887	38	11 800	1 583.1	1978	86 12 - ABAND 84 05
64	12.00	0.060	0.20	0.84	62	887	55	11 767	1 592.0	1979	82 12 - SUSP 81 08
1 861	7.96	0.061	0.17	0.82	67	887	63	12 820	1 626.7	1949	75 08 - GPP
140	5.67	0.075	0.15	0.83	62	876	65	12 690	1 648.1	1952	90 12
64	5.30	0.060	0.37	0.83	62	876	58	12 086	1 642.7	1984	89 12
64	3.15	0.124	0.18	0.84	62	873	65	11 935	1 645.5	1984	86 12
32	4.00	0.130	0.26	0.84	62	902	65	11 768	1 631.0	1985	86 03
11	3.90	0.075	0.21	0.82	68	887	66	12 100	1 629.0	1983	85 09
285	1.85	0.200	0.31	0.85	44	887	33	9 290	1 293.0	1949	82 10 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
STETTLER SOUTH 037-20W4								
D-2 TOTAL	1 600.0			288.0	80.0	368.0	250.4	117.6
PRIMARY AREA	600.0	0.18		108.0		108.0		
WATER FLOOD AREA	1 000.0	0.18	0.08	180.0	80.0	260.0		
D-2 B	132.0	0.18		23.8		23.8	7.6	16.2
D-3	407.0	0.65		265.0		265.0	244.3	20.7
STRATHMORE 022-25W4								
UPPER MANNVILLE A	227.0	0.06		13.6		13.6	11.1	2.5
LOWER MANNVILLE A	161.0	0.10		16.1		16.1	6.4	9.7
LOWER MANNVILLE B	3 000.0	0.10		300.0		300.0	76.5	223.5
LOWER MANNVILLE C	107.0	0.05		5.3		5.3	0.1	5.2
LOWER MANNVILLE D	166.0	0.10		16.6		16.6	0.7	15.9
STURGEON LAKE 071-23W5								
D-3	7 963.0	0.54		4 300.0		4 300.0	3 617.2	682.8
D-3 B	148.0	0.50		74.0		74.0	7.9	66.1
STURGEON LAKE SOUTH 069-22W5								
TRIASSIC A	4 770.0	0.11		524.0		524.0	462.2	61.8
TRIASSIC B	1 200.0	0.25		300.0		300.0	259.5	40.5
TRIASSIC C	26.6	<0.01		0.2		0.2	0.2	
BELLOY A	31.3	0.03		0.9		0.9	0.4	0.5
BLUERIDGE A	884.0	0.20		177.0		177.0	130.0	47.0
D-3	49 000.0	<0.57		27 800.0		27 800.0	22 962.6	4 837.4
D-3 B	1 210.0	0.11		133.0		133.0	119.6	13.4
D-3 C	818.0	0.55		450.0		450.0	258.2	191.8
D-3 D	268.0	0.25		67.0		67.0	8.8	58.2
D-3 E	177.0	0.05		8.9		8.9	1.5	7.4
SULLIVAN LAKE 034-14W4								
BASAL QUARTZ A	156.0	<0.01		0.4		0.4	0.4	
BANFF A	195.0	0.10		19.5		19.5	2.0	17.5
BANFF B	754.0	0.10		75.4		75.4	8.5	66.9
BANFF C	332.0	0.10		33.2		33.2	4.2	29.0
SUNSET 069-20W5								
TRIASSIC A WATER FLOOD	4 130.0	0.25	0.02	1 030.0	83.0	1 120.0	534.3	585.7
TRIASSIC B	288.0	0.15		43.2		43.2	20.5	22.7
BEAVERHILL LAKE A	245.0	<0.01		1.1		1.1	1.1	
SWALWELL 029-24W4								
PEKISKO A	1 620.0	0.05		81.0		81.0	58.8	22.2
PEKISKO B	167.0	<0.01		0.7		0.7	0.7	
PEKISKO C	249.0	<0.01		0.5		0.5	0.5	
PEKISKO D	408.0	0.10		40.8		40.8	27.8	13.0
PEKISKO E	37.8	0.10		3.8		3.8	1.1	2.7
PEKISKO F	2 420.0	0.04		96.8		96.8	71.0	25.8
PEKISKO H	603.0	0.02		12.1		12.1	6.6	5.5
PEKISKO I	373.0	0.03		11.2		11.2	1.6	9.6
PEKISKO L	98.0	0.12		11.8		11.8	9.6	2.2
D-2 A	1 120.0	0.20		224.0		224.0	175.2	48.8
D-2 C	394.0	0.25		98.5		98.5	49.2	49.3
D-2 D	477.0	0.25		119.0		119.0	32.7	86.3
SWAN HILLS 068-10W5								
BEAVERHILL LAKE C TOTAL	98 710.0			12 740.0	18 030.0	30 770.0	20 279.2	10 490.8
PRIMARY AREA	3 832.0	0.20		766.0		766.0		
WATER FLOOD AREA	94 880.0	<0.13	0.19	11 970.0	18 030.0	30 000.0		
BEAVERHILL LAKE D	216.0	<0.01		0.2		0.2	0.2	
BEAVERHILL LAKE E	101.0	0.10		10.1		10.1	0.7	9.4
BEAVERHILL LAKE G	113.0	0.10		11.3		11.3	0.3	11.0
BEAVERHILL LAKE A&B TOTAL	290 000.0			45 200.0	72 100.0	117 300.0	92 340.9	24 959.1
PRIMARY AREA	4 880.0	0.12		586.0		586.0		
SOLVENT FLOOD AREA	141 900.0	<0.17	0.35	23 700.0	48 400.0	72 100.0		
WATER FLOOD AREA	143 200.0	0.15	0.17	20 900.0	23 700.0	44 600.0		

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
280					63	876	62	11 960	1 605.4	1951	85 02 - GPP
120	6.68	0.110	0.15	0.80							
160	8.36	0.110	0.15	0.80							
32	5.09	0.145	0.31	0.81	65	882	63	11 926	1 601.2	1963	85 08 - GPP
175	3.93	0.084	0.12	0.80	75	904	60	12 760	1 653.8	1952	84 12 - GPP
64	3.70	0.150	0.20	0.80	177	800	52	13 680	1 703.2	1963	89 12 - GPP
64	3.40	0.120	0.25	0.82	76	865	49	11 640	1 782.6	1976	79 09 - GPP
972	3.44	0.160	0.29	0.79	118	855	53	15 627	1 803.0	1985	90 12
64	2.00	0.150	0.36	0.87	42	845	53	15 668	1 808.8	1981	87 08 - GPP
64	2.70	0.170	0.32	0.83	83	838	45	15 763	1 887.7	1988	89 05 - SUSP 89 12
1 421	19.50	0.052	0.15	0.65	188	839	88	27 240	2 698.4	1952	89 11 - GPP
32	12.90	0.070	0.21	0.65	178	835	88	24 769	2 860.9	1988	88 09
1 578	4.08	0.150	0.35	0.76	102	844	52	13 890	1 499.6	1955	70 02 - GPP
565	2.83	0.139	0.29	0.76	101	839	54	14 860	1 554.5	1957	88 12 - GPP
32	2.00	0.090	0.40	0.77	104	838	54	13 115	1 553.8	1983	85 04 - ABAND 85 03
32	1.20	0.150	0.36	0.85	58	880	42	14 589	1 645.3	1956	90 01 - GPP
364	6.43	0.073	0.24	0.68	145	834	82	24 340	2 337.8	1957	84 12 - GPP
6 700	25.00	0.050	0.10	0.65	183	834	88	27 340	2 590.8	1953	87 08 - GPP
446	8.87	0.050	0.15	0.72	133	839	91	25 990	2 660.0	1964	90 12 - GPP
98	13.22	0.102	0.09	0.68	160	841	88	22 899	2 672.1	1983	84 11
32	15.20	0.090	0.10	0.68	160	850	89	23 063	2 658.4	1984	84 12
32	14.37	0.070	0.14	0.64	183	844	87	22 566	2 675.3	1987	89 12 - GPP
64	1.80	0.220	0.30	0.88	51	877	30	8 477	1 095.3	1980	80 10 - SUSP 81 11
64	3.20	0.130	0.16	0.87	51	878	43	9 085	1 173.4	1982	88 02
128	10.19	0.100	0.32	0.85	62	872	36	9 025	1 176.4	1987	88 02
64	6.30	0.180	0.39	0.75	88	861	40	9 296	1 128.7	1988	88 07
1 391	5.46	0.130	0.49	0.82	97	865	60	12 860	1 439.3	1960	80 02 - GPP
96	5.33	0.140	0.51	0.82	76	865	43	14 420	1 390.9	1975	85 05
128	6.74	0.056	0.35	0.78	70	877	86	24 600	2 693.6	1982	85 12 - SUSP 83 09
576	10.40	0.044	0.25	0.82	74	849	53	11 720	1 626.1	1963	81 12 - GPP
65	14.02	0.050	0.55	0.82	74	839	54	12 100	1 700.5	1975	81 12 - SUSP 77 11
65	16.46	0.050	0.43	0.82	74	839	49	10 480	1 705.4	1975	82 12 - SUSP 76 12
128	10.80	0.060	0.40	0.82	71	839	64	10 958	1 665.0	1977	83 08 - SUSP 89 10
65	1.83	0.060	0.35	0.82	78	855	43	11 210	1 652.6	1977	79 03
745	8.21	0.070	0.31	0.82	64	871	52	11 010	1 656.8	1979	90 12
128	18.84	0.050	0.39	0.82	67	869	51	10 991	1 626.5	1979	83 12 - GPP
64	8.80	0.133	0.40	0.83	85	874	61	11 167	1 621.1	1980	79 03 - SUSP 89 10
64	4.94	0.060	0.37	0.82	71	849	60	11 170	1 710.0	1975	89 12 - GPP
594	4.25	0.080	0.28	0.77	96	839	69	16 580	1 967.8	1969	87 12 - GPP
204	3.73	0.090	0.20	0.72	122	837	62	16 271	1 985.4	1987	89 02
192	7.07	0.060	0.24	0.77	122	837	61	16 079	1 959.3	1987	89 10
25 749					77	815	91	21 950	2 281.4	1958	90 12
2 254	3.91	0.062	0.10	0.78							
23 495	9.28	0.062	0.10	0.78							- GPP
128	9.00	0.030	0.20	0.78	86	818	53	22 363	2 487.8	1982	84 12 - SUSP 84 01
64	3.68	0.064	0.14	0.78	77	818	85	20 146	2 333.0	1987	88 03
64	8.79	0.056	0.50	0.72	97	814	103	20 151	2 651.8	1988	89 03
40 666					100	820	104	22 680	2 527.4	1957	88 11
2 273	5.70	0.067	0.23	0.73							
7 813	37.00	0.082	0.18	0.73							- GPP
30 580	11.28	0.079	0.28	0.73							- GPP

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SWAN HILLS SOUTH 065-10W5								
BEAVERHILL LAKE A&B TOTAL	134 800.0			23 170.0	44 280.0	67 450.0	56 218.6	11 231.4
PRIMARY AREA	2 310.0	0.14		324.0		324.0		
SOLVENT FLOOD AREA	124 800.0	0.18	0.35	22 460.0	43 690.0	66 150.0		
WATER FLOOD AREA	7 646.0	0.05	0.07	382.3	590.7	973.0		
SYLVAN LAKE 037-03W5								
CARDIUM A	550.0	0.12		66.0		66.0	64.2	1.8
CARDIUM B	210.0	0.10		21.0		21.0	12.0	9.0
CARDIUM C	186.0	0.05		9.3		9.3	2.2	7.1
CARDIUM E, 2WS B & OSTRACOD L	181.0	0.07		12.7		12.7	5.4	7.3
SECOND WHITE SPECKS A	484.0	0.02		9.7		9.7	5.1	4.6
SECOND WHITE SPECKS C	685.0	0.10		68.5		68.5	12.1	56.4
VIKING E	361.0	0.10		36.1		36.1	34.6	1.5
VIKING G	64.5	0.15		9.7		9.7	5.6	4.1
VIKING H	73.9	0.10		7.4		7.4	3.5	3.9
VIKING J	77.8	<0.02		0.9		0.9	0.9	
VIKING K	120.0	0.15		18.0		18.0	15.5	2.5
VIKING L	80.2	<0.02		1.6		1.6	1.6	
VIKING M	400.0	0.10		40.0		40.0	6.6	33.4
VIKING N	13.8	0.10		1.4		1.4		1.4
VIKING O	65.9	0.10		6.6		6.6	0.5	6.1
VIKING Q	25.1	0.20		5.0		5.0	2.9	2.1
VIKING T	36.2	0.15		5.4		5.4	0.7	4.7
VIKING U	55.9	0.15		8.4		8.4	2.8	5.6
VIKING V	86.0	0.20		17.2		17.2	7.1	10.1
VIKING W	292.0	0.05		14.6		14.6	3.2	11.4
VIKING Y	9.6	<0.02		0.1		0.1	0.1	
VIKING Z	80.0	0.15		12.0		12.0	10.9	1.1
VIKING AA	55.2	0.01		0.6		0.6	0.6	
VIKING BB	53.6	<0.10		5.2		5.2	5.2	
VIKING CC	52.0	0.10		5.2		5.2	0.6	4.6
VIKING A & S	2 190.0	0.12		264.0		264.0	212.8	51.2
GLAUCONITIC C	337.0	<0.06		18.4		18.4	18.4	
GLAUCONITIC D	172.0	<0.01		0.4		0.4	0.4	
GLAUCONITIC F	333.0	<0.01		0.9		0.9	0.9	
GLAUCONITIC G	341.0	0.10		34.1		34.1	21.4	12.7
GLAUCONITIC H	246.0	0.10		24.6		24.6	6.7	17.9
GLAUCONITIC J & BASAL QUARTZ B	223.0	0.05		11.2		11.2	0.1	11.1
GLAUC I, LOW MANN X, LOW MANN DD & BQ A	435.0	0.05		21.8		21.8	14.0	7.8
LOWER MANNVILLE J	211.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE N	84.3	0.10		8.4		8.4	0.7	7.7
LOWER MANNVILLE R	529.0	0.02		10.6		10.6	1.2	9.4
LOWER MANNVILLE S	44.0	<0.03		1.1		1.1	1.1	
LOWER MANNVILLE Y	1 301.0	0.10		130.0		130.0	33.1	96.9
OSTRACOD F	144.0	<0.01		0.6		0.6	0.6	
OSTRACOD M	58.7	0.10		5.9		5.9	3.9	2.0
OSTRACOD J,K,N,O & LOWER MANNVILLE BB	254.0	<0.03		5.4		5.4	5.0	0.4
DETRITAL B	973.0	<0.01		1.4		1.4	1.4	
DETRITAL D	359.0	<0.01		0.1		0.1	0.1	
DETRITAL E & ELKTON E	443.0	0.08		35.4		35.4	31.6	3.8
JURASSIC A	3 012.0	0.15		452.0		452.0	386.7	65.3
JURASSIC B	222.0	<0.01		0.8		0.8	0.8	
JURASSIC C	1 590.0	0.05		79.5		79.5	64.2	15.3
JURASSIC D	429.0	0.10		42.9		42.9	27.8	15.1
JURASSIC E	726.0	0.04		29.0		29.0	21.0	8.0
JURASSIC I	373.0	0.05		18.7		18.7	1.1	17.6
JURASSIC J	752.0	<0.01		6.1		6.1	6.1	
JURASSIC M	184.0	<0.01		16.5		16.5	16.5	
JURASSIC N	909.0	<0.03		20.7		20.7	14.4	6.3
JURASSIC P	261.0	<0.01		0.1		0.1	0.1	
JURASSIC R	157.0	0.10		15.7		15.7	6.5	9.2
JURASSIC T	183.0	<0.01		0.9		0.9	0.9	
JURASSIC U	374.0	<0.01		0.3		0.3	0.3	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	[illegible] YEAR	DATE LAST [illegible]
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
14 913					113	820	107	23 510	2 543.6	1959	87 01
713	9.16	0.063	0.22	0.72							
11 222	22.20	0.084	0.16	0.71							
2 978	6.92	0.065	0.20	0.71							- GPP
411	1.54	0.138	0.25	0.84	71	860	54	27 130	1 763.9	1962	79 12 - GPP
192	1.51	0.120	0.28	0.84	71	847	54	27 230	1 793.6	1963	88 03 - GPP
128	4.03	0.058	0.26	0.84	68	845	54	26 898	1 681.0	1982	88 03 - GPP
128	3.20	0.080	0.31	0.80	62	827	60	8 500	1 931.9	1985	89 10
64	12.00	0.180	0.50	0.70	145	816	64	18 657	2 036.0	1981	83 12 - GPP
64	17.00	0.180	0.50	0.70	135	868	50	21 884	1 881.5	1987	89 10
256	2.77	0.110	0.40	0.77	102	839	66	15 130	1 999.5	1972	87 07 - GPP
64	2.80	0.080	0.40	0.75	123	820	36	18 036	1 996.9	1964	81 07 - SUSP 89 01
64	2.20	0.100	0.30	0.75	105	815	58	18 843	1 981.4	1981	82 05 - SUSP 89 04
64	2.70	0.100	0.40	0.75	125	825	60	17 530	1 970.2	1981	89 12 - SUSP 86 12
124	2.15	0.090	0.35	0.77	99	839	66	13 925	2 183.5	1977	83 12 - GPP
128	1.37	0.090	0.34	0.77	101	839	66	11 706	2 102.8	1983	85 08 - ABAND 88 05
128	3.48	0.210	0.43	0.75	105	800	63	14 105	1 833.2	1982	87 12
64	0.70	0.080	0.50	0.77	101	839	66	11 203	1 881.7	1982	83 10
192	0.98	0.070	0.35	0.77	101	839	66	11 186	1 876.2	1983	85 04 - GPP
64	1.74	0.045	0.35	0.77	72	845	66	11 289	2 171.5	1978	82 07 - GPP
64	1.50	0.070	0.30	0.77	101	840	66	11 530	1 972.8	1985	85 10 - GPP
64	1.70	0.100	0.35	0.79	101	839	66	10 513	1 582.2	1985	85 10 - GPP
64	3.00	0.080	0.30	0.80	101	839	66	11 606	2 086.5	1985	87 12 - SUSP 89 05
192	3.38	0.080	0.26	0.76	131	806	44	12 500	1 794.0	1985	88 04
64	1.00	0.026	0.30	0.82	68	840	64	11 592	2 084.5	1986	89 12 - SUSP 87 08
112	1.00	0.160	0.41	0.76	131	898	44		1 769.8	1983	88 04
64	1.60	0.100	0.30	0.77	102	834	66	11 127	1 872.2	1985	88 07 - ABAND 88 10
128	0.90	0.120	0.50	0.77	102	835	66	12 991	1 746.5	1988	89 01 - ABAND 90 06
64	1.80	0.090	0.35	0.77	102	834	41	11 480	1 943.0	1977	79 08
3 200	1.26	0.110	0.35	0.76	110	815	51	15 650	1 900.7	1965	85 11 - GPP
64	8.62	0.130	0.39	0.77	89	887	64	16 790	2 199.1	1964	73 12 - SUSP 80 04
65	4.57	0.100	0.25	0.77	98	910	62	16 420	2 201.0	1975	76 07 - SUSP 78 07
64	9.40	0.120	0.35	0.71	126	807	79	14 350	2 158.9	1983	86 12 - ABAND 85 07
64	6.70	0.140	0.20	0.71	90	808	70	12 180	2 162.6	1974	84 10
64	5.00	0.120	0.20	0.80	62	880	60	11 019	2 155.6	1987	87 10
64	7.20	0.110	0.38	0.71	126	805	79		1 962.3	1986	90 01
64	7.08	0.150	0.20	0.80	108	892	73	20 532	2 387.0	1963	89 12 - GPP
65	2.74	0.200	0.30	0.85	64	915	61	14 090	2 158.0	1976	83 12 - ABAND 80 11
64	2.50	0.100	0.15	0.62	195	795	64	18 020	2 353.3	1978	79 03
64	12.30	0.120	0.30	0.80	80	845	66	17 006	2 140.4	1981	89 12 - GPP
64	1.20	0.090	0.25	0.85	54	888	71	17 609	2 336.1	1978	88 12 - SUSP 84 04
192	9.17	0.120	0.20	0.77	97	871	74	18 157	2 272.7	1985	89 08
64	4.00	0.100	0.25	0.75	105	879	74	17 100	2 316.8	1979	82 12 - ABAND 89 07
64	1.90	0.100	0.30	0.69	145	892	70	17 083	2 309.9	1987	88 05
64	5.18	0.130	0.24	0.77	80	892	71	17 510	2 284.8	1963	90 12
65	19.81	0.128	0.25	0.79	80	887	73	16 510	2 197.6	1962	73 02 - ABAND 71 05
65	3.66	0.240	0.20	0.79	80	844	73	16 650	2 176.3	1962	89 12 - SUSP 77 10
64	10.40	0.104	0.18	0.78	102	887	76	19 200	2 431.7	1963	88 12 - GPP
561	7.06	0.130	0.25	0.78	96	887	68	17 310	2 278.3	1962	90 06
66	5.79	0.100	0.25	0.78	93	887	71	16 890	2 236.9	1962	64 04 - ABAND 66 10
192	10.50	0.130	0.22	0.78	96	887	71	15 673	2 242.5	1960	83 05 - GPP
138	5.12	0.104	0.25	0.78	94	887	71	17 053	2 225.3	1962	88 12 - GPP
65	12.80	0.150	0.25	0.78	95	898	67	17 070	2 211.9	1964	89 12 - GPP
65	10.97	0.090	0.25	0.78	95	887	71	17 070	2 222.6	1964	85 11 - GPP
128	7.94	0.130	0.27	0.78	96	887	71	17 270	2 249.1	1964	88 12 - ABAND 86 01
64	5.53	0.090	0.25	0.77	103	887	71	16 800	2 202.8	1962	85 12 - SUSP 84 12
192	7.33	0.120	0.31	0.78	83	890	68	17 921	2 269.2	1982	86 03
64	6.80	0.110	0.30	0.78	88	933	60	17 650	2 311.9	1983	84 03 - ABAND 84 09
64	5.10	0.103	0.40	0.78	95	919	65	17 871	2 263.5	1983	84 06 - GPP
64	3.40	0.150	0.30	0.80	83	889	68	15 374	2 303.0	1984	86 01 - ABAND 86 01
64	7.50	0.135	0.26	0.78	98	867	55	17 235	2 239.0	1981	88 12 - ABAND 87 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SYLVAN LAKE 037-03W5 (CONTINUED)								
JURASSIC W	357.0	<0.01		0.1		0.1	0.1	
JURASSIC CC	177.0	<0.01		0.4		0.4	0.4	
JURASSIC FF	471.0	0.10		47.1		47.1	9.4	37.7
JURASSIC GG	156.0	0.10		15.6		15.6	0.7	14.9
ELKTON F	454.0	0.10		45.4		45.4	38.2	7.2
ELKTON J	460.0	0.06		27.6		27.6	18.0	9.6
ELKTON K	189.0	0.15		28.4		28.4	15.8	12.6
ELKTON L	607.0	0.25		152.0		152.0	13.2	138.8
ELKTON-SHUNDA D	4 830.0	0.15		725.0		725.0	671.4	53.6
ELKTON-SHUNDA E	1 028.0	0.20		206.0		206.0	170.9	35.1
ELKTON-SHUNDA F	539.0	0.10		53.9		53.9	9.0	44.9
ELKTON-SHUNDA G	425.0	0.05		21.3		21.3	6.6	14.7
SHUNDA C	126.0	0.02		2.5		2.5	2.0	0.5
SHUNDA E	82.0	0.08		6.6		6.6	6.6	
SHUNDA G	37.2	<0.01		0.2		0.2	0.2	
SHUNDA H	209.0	0.10		20.9		20.9	0.1	20.8
SHUNDA I	213.0	0.05		10.7		10.7		10.7
PEKISKO A	120.0	0.01		1.2		1.2	0.1	1.1
PEKISKO B	9 500.0	0.30		2 850.0		2 850.0	1 939.4	910.6
PEKISKO C	3 210.0	0.30		963.0		963.0	726.3	236.7
PEKISKO D	1 910.0	0.25		478.0		478.0	396.6	81.4
PEKISKO E	159.0	<0.02		2.5		2.5	2.5	
PEKISKO G	830.0	<0.01		0.1		0.1	0.1	
PEKISKO M	426.0	<0.01		0.1		0.1	0.1	
PEKISKO Q	404.0	<0.01		1.4		1.4	1.4	
PEKISKO R	269.0	<0.02		3.0		3.0	3.0	
PEKISKO S	268.0	0.05		13.4		13.4	2.6	10.8
PEKISKO T	155.0	<0.01		0.5		0.5	0.5	
PEKISKO U	542.0	0.30		163.0		163.0	10.5	152.5
D-3 A	1 620.0	0.01		16.2		16.2	9.3	6.9
D-3 B	944.0	0.20		189.0		189.0	27.5	161.5
D-3 C	785.0	0.35		275.0		275.0	71.0	204.0
TANGENT 080-24W5								
TRIASSIC F	137.0	0.10		13.7		13.7	0.1	13.6
D-1 A	485.0	0.22		107.0		107.0	98.2	8.8
D-1 B	84.9	<0.11		8.5		8.5	8.5	
D-1 C	246.0	<0.07		14.9		14.9	14.9	
D-1 D	104.0	0.35		36.4		36.4	17.5	18.9
D-1 E	677.0	0.20		135.0		135.0	107.4	27.6
D-1 F	552.0	0.21		116.0		116.0	48.7	67.3
D-1 G	94.0	0.10		9.4		9.4	2.2	7.2
D-1 H	874.0	0.20		175.0		175.0	49.4	125.6
D-1 I	215.0	0.20		43.0		43.0	40.4	2.6
D-1 J	278.0	0.10		27.8		27.8	5.2	22.6
D-1 K	368.0	0.06		22.1		22.1	15.4	6.7
D-1 L	298.0	0.20		59.6		59.6	30.5	29.1
D-1 M	336.0	0.35		118.0		118.0	77.8	40.2
D-1 N	260.0	<0.01		0.1		0.1	0.1	
D-1 O	175.0	0.10		17.5		17.5	3.0	14.5
D-1 P	376.0	0.25		94.0		94.0	27.0	67.0
D-1 Q	155.0	0.07		10.9		10.9	6.3	4.6
D-1 R	332.0	0.20		66.4		66.4	30.5	35.9
D-1 S	188.0	<0.02		2.6		2.6	2.6	
D-1 T	240.0	0.15		36.0		36.0	0.1	35.9
D-1 U	176.0	<0.05		7.2		7.2	7.2	
D-1 V	654.0	0.20		131.0		131.0	79.1	51.9
D-1 W	24.0	<0.01		0.1		0.1	0.1	
D-1 X	79.6	<0.01		0.2		0.2	0.2	
D-1 Y	204.0	0.30		61.2		61.2	32.9	28.3
D-1 Z	492.0	<0.04		14.9		14.9	14.9	
D-1 AA	623.0	0.20		125.0		125.0	20.3	104.7
D-1 BB	521.0	0.20		104.0		104.0	16.5	87.5
D-1 CC	423.0	0.10		42.3		42.3	19.1	23.2
D-1 DD	33.2	<0.08		2.5		2.5	2.5	
D-1 EE	143.0	0.20		28.6		28.6	6.8	21.8
D-1 FF	39.8	0.20		8.0		8.0	2.6	5.4
D-1 GG	171.0	0.35		59.9		59.9	10.2	49.7
D-1 HH	161.0	0.35		56.4		56.4	8.2	48.2
D-1 II	226.0	0.15		33.9		33.9	5.2	28.7
D-1 JJ	986.0	0.20		197.0		197.0	20.7	176.3

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	5.20	0.170	0.19	0.78	98	895	55	15 000	2 232.7	1985	88 12 - ABAND 89 04
64	4.30	0.110	0.25	0.78	100	884	76	16 457	2 262.0	1987	89 03 - ABAND 89 03
128	4.70	0.130	0.25	0.80	78	871	70	16 968	2 304.7	1987	88 08
64	3.00	0.130	0.22	0.80	89	894	69		2 338.8	1989	90 09
64	11.00	0.100	0.18	0.78	89	887	76	18 890	2 433.8	1963	87 12 - GPP
64	13.00	0.100	0.35	0.85	95	886	64	17 923	2 393.1	1984	89 10 - GPP
64	4.00	0.120	0.25	0.82	72	911	73	16 846	2 217.1	1984	88 12
64	13.50	0.150	0.40	0.78	75	913	70	16 801	2 351.8	1989	89 09
626	10.80	0.109	0.16	0.78	93	887	68	17 310	2 267.1	1962	89 01 - GPP
284	4.90	0.123	0.23	0.78	92	881	71	17 271	2 255.8	1953	89 12
64	12.50	0.125	0.30	0.77	74	913	71	16 802	2 302.7	1985	88 04
64	8.50	0.145	0.30	0.77	74	895	71	17 364	2 310.8	1982	88 04
65	1.83	0.170	0.20	0.78	96	892	72	16 800	2 192.7	1972	82 12 - GPP
64	3.20	0.080	0.35	0.77	100	908	70	16 537	2 317.5	1985	88 04 - ABAND 87 04
64	2.82	0.050	0.51	0.84	75	925	70	16 536	2 284.8	1987	89 12 - SUSP 87 08
64	5.52	0.110	0.36	0.84	75	925	70	17 232	2 276.7	1987	88 06
64	6.25	0.110	0.38	0.78	92	892	52		2 318.3	1988	90 11
64	3.00	0.105	0.24	0.76	88	886	64	17 229	2 321.8	1962	88 08
1 213	9.73	0.126	0.17	0.77	92	887	69	17 100	2 229.5	1962	90 08
624	9.04	0.090	0.19	0.78	93	887	72	17 440	2 236.3	1962	87 04 - GPP
487	6.58	0.102	0.20	0.73	121	849	76	17 510	2 257.7	1960	88 12 - GPP
27	8.23	0.105	0.20	0.86	85	921	73	15 860	2 154.3	1963	73 02 - SUSP 72 11
74	28.04	0.069	0.25	0.77	62	969	89	17 510	2 153.1	1963	64 12 - SUSP 64 05
65	7.01	0.140	0.13	0.77	94	887	67	17 480	2 292.7	1964	65 12 - ABAND 68 03
128	6.07	0.100	0.35	0.80	121	849	76	16 870	2 261.6	1983	85 10 - SUSP 85 10
64	8.00	0.105	0.35	0.77	145	825	63	17 488	2 263.9	1984	89 12 - SUSP 87 07
64	9.60	0.070	0.20	0.78	145	825	63	16 576	2 194.3	1985	89 12
64	5.00	0.090	0.30	0.77	88	860	74	16 799	2 354.9	1986	87 01 - ABAND 87 03
64	9.80	0.160	0.26	0.73	122	857	74		2 249.0	1989	89 08
987	6.16	0.056	0.15	0.56	262	792	79	24 340	2 881.9	1961	88 06 - SUSP 87 11
376	6.10	0.066	0.19	0.77	128	770	85	18 114	2 982.1	1986	89 01
64	25.00	0.075	0.15	0.77	170	800	88	18 478	3 009.1	1986	87 04
64	2.00	0.190	0.25	0.75	105	900	36	8 026	856.0	1983	89 08 - SUSP 89 06
32	50.50	0.050	0.24	0.79	78	839	62	18 804	1 783.5	1981	90 12
64	6.00	0.040	0.30	0.79	80	839	55	18 591	1 763.5	1982	82 10 - ABAND 89 05
64	21.30	0.030	0.24	0.79	75	839	68	16 360	1 783.5	1982	84 02 - ABAND 88 05
64	15.00	0.026	0.50	0.83	62	845	60	16 460	1 766.3	1983	90 12
32	67.80	0.050	0.21	0.79	82	839	56	18 579	1 781.9	1983	90 12 - GPP
64	28.17	0.057	0.32	0.79	80	855	58	18 949	1 830.9	1983	88 02
16	42.50	0.025	0.30	0.79	84	843	58	18 520	1 773.0	1983	90 12 - GPP
64	54.04	0.039	0.20	0.81	84	843	59	18 976	1 796.7	1983	90 12
32	45.00	0.030	0.40	0.83	67	823	62	18 334	1 774.0	1983	90 12 - GPP
64	59.20	0.014	0.37	0.79	62	850	36	18 423	1 769.2	1983	88 11 - SUSP 89 10
32	44.37	0.040	0.18	0.79	62	823	58	19 580	1 882.5	1984	90 12 - GPP
64	28.50	0.030	0.31	0.79	80	843	58	16 900	1 776.5	1984	84 12
32	46.20	0.040	0.28	0.79	80	843	59	17 713	1 761.9	1984	90 12
64	17.40	0.040	0.26	0.79	88	903	54	18 972	1 799.3	1984	88 12 - ABAND 89 07
32	31.70	0.030	0.27	0.79	78	840	60	18 262	1 802.9	1984	90 12 - GPP
32	66.40	0.040	0.44	0.79	72	827	64	12 639	1 787.8	1984	90 12 - GPP
32	21.40	0.035	0.22	0.83	62	855	60	18 979	1 813.8	1984	90 12 - GPP
32	30.98	0.053	0.20	0.79	78	827	59	17 794	1 804.9	1984	90 12 - GPP
64	19.70	0.030	0.40	0.83	62	857	58	18 445	1 783.1	1984	85 05 - ABAND 87 02
32	82.00	0.020	0.45	0.83	62	843	60	17 716	1 772.7	1985	90 11 - GPP
16	81.50	0.025	0.35	0.83	62	843	60	17 728	1 782.5	1985	90 12 - ABAND 88 10
48	41.60	0.050	0.21	0.83	62	843	60	18 217	1 802.5	1985	90 12
16	7.50	0.040	0.40	0.83	62	843	60	5 921	1 775.5	1985	90 12
64	30.70	0.010	0.50	0.81	77	843	59	17 738	1 783.7	1985	86 03 - ABAND 87 08
32	21.90	0.045	0.22	0.83	62	843	60	16 688	1 776.4	1986	90 12 - GPP
16	100.10	0.050	0.24	0.81	77	847	60	17 186	1 827.5	1987	90 12 - ABAND 90 10
32	54.30	0.060	0.28	0.83	62	844	60	17 299	1 796.7	1987	90 12
32	59.10	0.042	0.19	0.81	77	858	59	17 270	1 820.0	1987	90 12 - GPP
32	44.10	0.041	0.12	0.83	62	815	60	18 371	1 771.5	1987	90 12 - GPP
16	8.73	0.040	0.31	0.86	62	845	60	16 986	1 742.2	1987	90 12 - ABAND 89 09
16	33.60	0.040	0.18	0.81	77	859	55	17 628	1 807.6	1988	90 12 - GPP
16	12.65	0.030	0.24	0.86	77	859	60	18 531	1 751.5	1985	90 12 - GPP
32	15.30	0.050	0.16	0.83	62	845	60	16 536	1 732.2	1989	90 12
32	24.90	0.030	0.19	0.83	62	833	60	17 093	1 782.1	1989	90 12
16	23.00	0.090	0.18	0.83	62	845	60	19 509	1 854.5	1989	90 12 - GPP
32	89.40	0.050	0.17	0.83	62	845	60	16 758	1 785.1	1989	90 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
TANGENT 080-24W5 (CONTINUED)								
D-1 KK	258.0	0.15		38.7		38.7	4.6	34.1
D-1 LL	398.0	0.15		59.7		59.7	5.1	54.6
D-1 MM	16.8	<0.04		0.6		0.6	0.6	
D-1 OO	134.0	0.10		13.4		13.4	4.8	8.6
TEEPEE 074-04W6								
CHARLIE LAKE A	74.9	0.10		7.5		7.5	6.2	1.3
THORSBY 049-01W5								
GLAUCONITIC A	4 265.0	0.10		426.0		426.0	195.5	230.5
GLAUCONITIC B	500.0	0.10		50.0		50.0	35.8	14.2
GLAUCONITIC C	682.0	<0.01		0.5		0.5	0.5	
GLAUCONITIC G	420.0	0.01		4.2		4.2	1.2	3.0
OSTRACOD A	78.7	<0.01		0.2		0.2	0.2	
THREE HILLS CREEK 035-25W4								
VIKING B	76.0	0.20		15.0		15.0	12.2	2.8
PEKISKO	65.8	<0.03		1.6		1.6	1.6	
PEKISKO B	752.0	0.10		75.2		75.2	32.9	42.3
D-2 A	82.1	0.20		16.4		16.4	6.5	9.9
D-3 A	193.0	<0.01		0.7		0.7	0.7	
TINDASTOLL 036-01W5								
BELLY RIVER A	2 800.0	0.10		280.0		280.0	128.2	151.8
BELLY RIVER B	480.0	0.01		4.8		4.8	2.8	2.0
BELLY RIVER C	248.0	<0.01		0.1		0.1	0.1	
BELLY RIVER E	275.0	<0.01		0.1		0.1	0.1	
BELLY RIVER F	442.0	0.02		8.8		8.8	1.1	7.7
BELLY RIVER G	87.4	<0.01		0.1		0.1	0.1	
VIKING A	58.0	0.15		8.7		8.7	4.2	4.5
VIKING B & LOWER MANNVILLE B	149.0	0.05		7.5		7.5	1.3	6.2
LOWER MANNVILLE A	489.0	<0.01		0.4		0.4	0.4	
PEKISKO A	228.0	0.04		9.1		9.1	1.6	7.5
TOMAHAWK 052-05W5								
OSTRACOD A	503.0	0.15		75.5		75.5	23.9	51.6
OSTRACOD B	218.0	0.15		32.7		32.7	5.7	27.0
OSTRACOD C	306.0	0.15		46.0		46.0		46.0
OSTRACOD D	438.0	0.15		65.7		65.7	11.8	53.9
ELLERSLIE A	141.0	0.10		14.1		14.1	0.8	13.3
ELLERSLIE B	74.0	0.10		7.4		7.4	1.0	6.4
NORDEGG A	1 250.0	0.05		62.5		62.5	22.9	39.6
NORDEGG B, BANFF B & C	1 468.0	0.10		146.8		146.8	42.1	104.7
NORDEGG C & BANFF D	374.0	0.10		37.4		37.4	12.5	24.9
BANFF A	150.0	<0.01		0.1		0.1	0.1	
BANFF E	28.5	0.10		2.9		2.9	0.6	2.3
TONY CREEK NORTH 064-21W5								
VIKING A	419.0	0.10		41.9		41.9	0.4	41.5
CADOMIN A	265.0	0.03		8.0		8.0	5.2	2.8
TRAVERS 013-21W4								
BOW ISLAND A	131.0	<0.01		1.1		1.1	1.1	
TROCHU 033-22W4								
MANNVILLE K	57.0	0.10		5.7		5.7	0.8	4.9
BASAL QUARTZ A	922.0	0.05		46.1		46.1	30.2	15.9
BASAL QUARTZ B	762.0	0.03		22.9		22.9	8.9	14.0
BASAL QUARTZ C	97.4	0.10		9.7		9.7	3.8	5.9
TROUT 090-03W5								
KEG RIVER A	1 890.0	0.17		320.0		320.0	194.6	125.4
KEG RIVER C	42.9	0.35		15.0		15.0	7.7	7.3
KEG RIVER D	70.7	<0.01		0.4		0.4	0.4	
KEG RIVER E	103.0	0.10		10.3		10.3	1.4	8.9
KEG RIVER F	80.8	<0.01		0.1		0.1		0.1
KEG RIVER G	144.0	<0.01		0.4		0.4	0.4	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	[illegible] YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
16	28.20	0.080	0.14	0.83	62	845	60	18 542	1 801.9	1989	90 12 - GPP
16	92.70	0.040	0.19	0.83	62	845	60	17 641	1 798.3	1989	90 12 - GPP
16	6.90	0.023	0.20	0.83	62	833	60	18 255	1 808.5	1989	90 04 - ABAND 90 07
16	32.40	0.040	0.25	0.86	77	859	60		1 764.1	1988	90 12 - GPP
64	1.24	0.185	0.60	0.85	68	844	49	14 880	1 664.4	1987	88 08
494	11.98	0.130	0.28	0.77	86	849	54	11 990	1 490.4	1979	89 11
64	6.79	0.180	0.17	0.77	66	867	63	12 222	1 450.3	1973	88 03 - GPP
128	7.24	0.148	0.29	0.71	110	868	60	12 415	1 546.8	1979	88 06 - SUSP 85 03
32	12.90	0.133	0.15	0.90	95	866	62	11 654	1 360.3	1985	90 12 - SUSP 88 10
64	1.54	0.152	0.30	0.75	110	866	53	12 145	1 511.0	1981	82 06 - SUSP 84 01
128	1.00	0.120	0.42	0.85	67	822	56		1 597.0	1987	89 07
65	5.58	0.037	0.40	0.82	71	860	66	11 720	1 794.1	1953	73 02 - SUSP 72 01
256	7.76	0.060	0.24	0.83	63	774	64	11 524	1 856.3	1984	88 04
64	4.70	0.050	0.22	0.70	130	841	65	17 135	2 150.0	1984	84 11
64	9.50	0.080	0.25	0.53	291	763	62	17 106	2 233.5	1980	88 12 - SUSP 85 02
904	3.50	0.150	0.33	0.88	50	827	40	5 951	1 175.8	1980	85 09
64	9.80	0.150	0.42	0.88	52	865	35	5 462	1 184.3	1981	85 12
64	3.70	0.170	0.30	0.88	36	876	43	6 072	1 197.0	1983	83 07 - ABAND 83 05
64	4.10	0.170	0.30	0.88	36	815	43	5 081	1 160.0	1983	83 07 - ABAND 83 09
64	10.20	0.140	0.45	0.88	36	815	43	4 832	1 188.7	1983	89 12
64	2.30	0.150	0.55	0.88	36	815	43		1 179.1	1988	89 02 - ABAND 89 06
64	0.80	0.220	0.37	0.82	68	844	64	13 789	1 717.6	1987	88 12
64	3.40	0.110	0.19	0.77	85	851	74	9 424	1 910.0	1988	88 12 - SUSP 90 09
64	13.00	0.120	0.30	0.70	155	897	70	27 500	1 997.8	1981	82 02 - ABAND 82 09
64	5.20	0.110	0.20	0.78	85	890	70	15 480	2 055.5	1982	84 12 - SUSP 90 01
256	2.84	0.130	0.30	0.76	115	882	61	14 960	1 711.5	1987	90 07
64	3.30	0.140	0.17	0.89	91	834	65	15 571	1 695.1	1989	89 10
96	3.20	0.160	0.17	0.75	50	909	50		1 664.8	1989	90 11
128	3.96	0.160	0.29	0.76	115	868	61		1 700.2	1988	90 07
32	6.00	0.150	0.43	0.86	58	978	52	15 989	1 707.0	1979	80 02 - SUSP 89 08
16	4.00	0.180	0.34	0.97	45	957	46	14 135	1 619.5	1988	88 12
277	4.93	0.180	0.34	0.77	115	887	53	15 112	1 651.8	1981	87 12
128	12.20	0.165	0.33	0.85	40	945	51	15 079	1 608.3	1984	87 04 - GPP
48	6.17	0.190	0.20	0.83	60	950	51		1 430.9	1986	88 04
64	5.00	0.090	0.40	0.87	100	885	50	15 842	1 619.3	1985	86 01 - ABAND 87 05
16	1.69	0.200	0.38	0.85	54	950	52	15 981	1 656.7	1987	88 07
64	10.00	0.130	0.40	0.84	70	844	47	1 078	1 572.9	1984	84 11
64	6.16	0.120	0.30	0.80	74	887	82	14 780	1 880.3	1977	85 12 - GPP
64	1.80	0.160	0.20	0.89	70	882	32	7 503	1 057.3	1977	87 12 - ABAND 88 10
64	1.50	0.140	0.47	0.80	79	877	56	9 775	1 513.1	1988	89 06
64	15.41	0.200	0.45	0.85	60	873	52	8 833	1 479.4	1969	78 12 - GPP
128	6.83	0.180	0.43	0.85	52	873	49	8 786	1 520.0	1982	85 12
64	1.70	0.145	0.29	0.87	47	868	62	9 716	1 510.9	1988	88 08 - GPP
1 377	2.54	0.088	0.34	0.93	23	835	39	6 922	1 358.8	1984	88 06 - GPP
64	2.00	0.060	0.40	0.93	38	834	39	13 840	1 463.0	1985	86 07
64	3.04	0.071	0.45	0.93	38	827	39	13 784	1 443.6	1985	89 12 - SUSP 87 05
64	3.00	0.090	0.36	0.93	38	833	39	13 819	1 479.6	1985	87 12
64	2.42	0.092	0.39	0.93	23	832	39	12 865	1 291.8	1986	89 12 - SUSP 87 03
64	4.00	0.090	0.33	0.93	23	847	39	14 035	1 470.2	1986	89 12 - SUSP 86 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
TROUT 090-03W5 (CONTINUED)								
KEG RIVER H	132.0	<0.01		0.1		0.1	0.1	
KEG RIVER J	138.0	0.30		41.4		41.4	13.4	28.0
KEG RIVER K	566.0	0.35		198.0		198.0	65.1	132.9
KEG RIVER N	2 019.0	0.25		505.0		505.0	132.0	373.0
KEG RIVER O	217.0	0.10		21.7		21.7	4.3	17.4
KEG RIVER P	1 894.0	0.30		568.0		568.0	96.3	471.7
KEG RIVER R	185.0	0.15		28.0		28.0	4.3	23.7
KEG RIVER S	92.7	0.20		18.5		18.5	5.1	13.4
KEG RIVER T	139.0	0.05		7.0		7.0	0.6	6.4
KEG RIVER U	245.0	0.05		12.3		12.3	1.4	10.9
KEG RIVER V	69.3	0.25		17.3		17.3	2.6	14.7
KEG RIVER W	228.0	0.25		57.0		57.0	16.1	40.9
KEG RIVER X	71.2	0.25		17.8		17.8	0.1	17.7
KEG RIVER Y	131.0	0.20		26.2		26.2	5.8	20.4
KEG RIVER Z	189.0	0.25		47.3		47.3	7.3	40.0
KEG RIVER GRANITE WASH A	1 523.0	0.35		533.0		533.0	134.0	399.0
KEG RIVER GRANITE WASH B	1 470.0	0.35		515.0		515.0	218.0	297.0
TURIN 010-18W4								
UPPER MANNVILLE B	386.0	0.10		38.6		38.6	15.3	23.3
UPPER MANNVILLE H WATER FLOOD	2 400.0	0.25	0.10	600.0	234.0	834.0	396.0	438.0
UPPER MANNVILLE I	56.2	0.10		5.6		5.6	0.6	5.0
UPPER MANNVILLE L	51.5	0.10		5.2		5.2	3.8	1.4
UPPER MANNVILLE N	533.0	0.10		53.3		53.3	18.9	34.4
LOWER MANNVILLE B	780.0	<0.01		2.9		2.9	2.9	
LOWER MANNVILLE G	73.1	<0.05		3.1		3.1	3.1	
LOWER MANNVILLE H	731.0	0.02		14.6		14.6	7.6	7.0
LOWER MANNVILLE O	92.6	0.05		4.3		4.3	0.7	3.6
LOWER MANNVILLE V	483.0	0.10		48.3		48.3	34.5	13.8
LOWER MANNVILLE CC	799.0	0.10		79.9		79.9	38.5	41.4
LOWER MANNVILLE DD	224.0	0.10		22.4		22.4	18.7	3.7
LOWER MANNVILLE HH	89.0	0.10		8.9		8.9	1.4	7.5
LOWER MANNVILLE II	3 626.0	0.15		544.0		544.0	131.1	412.9
LOWER MANNVILLE JJ	77.1	0.20		15.4		15.4	10.6	4.8
LOWER MANNVILLE KK	70.2	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE LL	348.0	0.10		34.8		34.8	10.9	23.9
LOWER MANNVILLE MM	610.0	0.20		122.0		122.0	45.2	76.8
LOWER MANNVILLE OO	48.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE PP	57.4	0.10		5.7		5.7	3.6	2.1
LOWER MANNVILLE QQ	257.0	0.10		25.7		25.7	0.7	25.0
LOWER MANNVILLE RR	57.0	0.15		8.6		8.6	5.6	3.0
LOWER MANNVILLE SS	86.5	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE EE,FF & GG	667.0	0.15		100.0		100.0	81.6	18.4
LOWER MANNVILLE AAA	133.0	0.13		17.2		17.2	12.8	4.4
LOWER MANNVILLE BBB	840.0	0.15		126.0		126.0	40.7	85.3
LOWER MANNVILLE CCC	102.0	0.10		10.2		10.2	0.2	10.0
LOWER MANNVILLE FFF	198.0	0.05		9.9		9.9	3.5	6.4
LOWER MANNVILLE GGG	165.0	0.05		8.3		8.3	6.4	1.9
LOWER MANNVILLE KKK	42.3	0.10		4.2		4.2	3.9	0.3
LOWER MANNVILLE LLL	178.0	0.10		17.8		17.8	1.2	16.6
LOWER MANNVILLE MMM	53.1	0.10		5.3		5.3	0.8	4.5
LOWER MANNVILLE NNN	615.0	0.10		61.5		61.5	19.2	42.3
LOWER MANNVILLE OOO	239.0	0.10		23.9		23.9	2.1	21.8
LIVINGSTONE A	555.0	0.10		55.5		55.5	15.0	40.5
LIVINGSTONE B	40.0	0.10		4.0		4.0		4.0
TURNER VALLEY 020-03W5								
CARDIUM A	266.0	0.05		13.3		13.3	1.0	12.3
BLAIRMORE C	90.3	<0.02		1.8		1.8	1.8	
BLAIRMORE A & B	815.0	<0.01		5.3		5.3	5.3	
RUNDLE WATER FLOOD	159 000.0	0.13	0.02	20 670.0	3 180.0	23 850.0	22 460.6	1 389.4
RUNDLE B	355.0	0.03		10.7		10.7	3.0	7.7
SHALLOW	715.0	0.12		85.8		85.8	64.4	21.4
TWINING 031-24W4								
UPPER MANNVILLE B	143.0	<0.01		1.0		1.0	1.0	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
64	3.10	0.115	0.38	0.93	23	843	39	13 593	1 425.9	1985	88 12 - SUSP 86 03
64	5.00	0.066	0.30	0.93	23	835	39	13 901	1 435.1	1987	89 06
128	7.05	0.095	0.29	0.93	23	830	39	13 859	1 431.5	1987	87 09
384	8.78	0.087	0.26	0.93	23	835	39	13 881	1 453.0	1986	88 12
64	8.26	0.079	0.44	0.93	23	842	39	13 868	1 450.9	1987	90 12
610	4.88	0.090	0.24	0.93	23	830	39	14 173	1 464.1	1987	90 01
64	4.50	0.110	0.35	0.93	23	830	39	14 247	1 470.7	1987	90 12
64	3.95	0.068	0.42	0.93	23	820	39	14 018	1 455.0	1987	88 06
64	4.50	0.081	0.36	0.93	23	823	39	13 932	1 447.4	1987	90 12
64	6.30	0.096	0.32	0.93	23	835	39	13 890	1 457.7	1987	90 12
64	3.60	0.049	0.34	0.93	23	823	39	13 108	1 488.2	1987	88 07
64	8.40	0.060	0.24	0.93	23	823	39	13 627	1 458.4	1987	88 07
64	4.60	0.065	0.60	0.93	23	840	39	13 172	1 423.7	1986	86 07 - SUSP 89 03
64	4.52	0.080	0.39	0.93	23	835	39	13 484	1 466.9	1989	89 10
64	5.19	0.090	0.32	0.93	23	835	39		1 468.0	1989	89 12
256	14.00	0.070	0.34	0.92	23	831	39	14 687	1 506.5	1987	88 09
515	5.93	0.075	0.31	0.93	23	834	39	13 724	1 461.4	1986	88 10
128	2.71	0.190	0.31	0.85	63	904	31	11 360	1 080.4	1973	89 08 - GPP
400	5.36	0.200	0.35	0.86	68	869	31	11 221	1 013.0	1980	88 04
32	1.80	0.180	0.37	0.86	70	869	31	10 467	999.1	1983	82 12 - GPP
64	0.90	0.160	0.35	0.86	68	831	31	10 768	1 023.0	1983	83 04
128	4.14	0.190	0.37	0.84	72	866	32		1 096.4	1979	90 09
387	1.80	0.190	0.32	0.85	62	881	36	11 480	1 062.2	1961	83 12 - ABAND 76 08
64	1.52	0.160	0.45	0.85	33	876	66	11 620	1 068.9	1961	82 12 - SUSP 76 09
192	3.15	0.210	0.33	0.86	85	881	38	11 270	1 053.4	1974	89 11
64	2.16	0.120	0.35	0.86	59	898	34	11 300	1 047.0	1976	79 02
256	1.98	0.160	0.30	0.85	110	880	37	11 681	1 100.8	1979	83 12 - GPP
456	1.32	0.218	0.30	0.87	60	871	31	11 186	1 014.8	1980	85 07 - GPP
121	1.50	0.200	0.30	0.88	45	866	49	11 175	1 015.0	1980	85 12 - GPP
64	1.50	0.180	0.40	0.86	62	887	32	11 321	1 052.2	1974	83 06
1 124	3.38	0.190	0.38	0.81	87	887	35	11 394	1 060.3	1973	90 04
64	1.00	0.200	0.30	0.86	62	887	32	11 249	1 102.5	1983	90 12
64	1.70	0.150	0.50	0.86	62	887	32	10 391	1 092.2	1983	89 12 - SUSP 87 05
64	5.40	0.180	0.31	0.81	86	817	35	11 508	1 073.2	1983	84 07
300	1.75	0.180	0.25	0.86	62	887	32	11 588	1 095.4	1984	90 11 - GPP
32	2.00	0.120	0.30	0.90	38	892	32	11 076	1 005.7	1984	84 11 - ABAND 87 05
16	2.00	0.240	0.17	0.90	38	892	32	11 018	999.0	1984	84 11
64	2.50	0.220	0.15	0.86	62	887	32	11 202	1 090.8	1984	85 06
64	0.92	0.150	0.25	0.86	62	887	32	9 896	1 010.3	1984	87 12
32	2.00	0.190	0.21	0.90	38	892	32	11 058	1 006.0	1985	85 08 - ABAND 86 03
128	3.63	0.190	0.16	0.90	68	889	30	11 036	1 015.0	1981	88 08 - GPP
64	1.96	0.190	0.38	0.90	38	892	32	11 125	1 067.7	1982	90 12
369	3.08	0.160	0.43	0.81	86	890	35	11 093	1 074.8	1983	88 12
64	1.30	0.190	0.28	0.90	38	892	37	11 752	1 013.2	1985	86 08 - SUSP 88 10
128	2.06	0.160	0.42	0.81	86	890	35	11 701	1 016.4	1986	89 04
64	2.10	0.220	0.31	0.81	87	887	35	11 478	1 060.3	1974	87 02 - GPP
64	0.80	0.170	0.40	0.81	86	890	35	11 781	978.8	1988	88 10
64	2.00	0.200	0.27	0.95	17	880	29		1 073.0	1988	88 10
16	3.00	0.180	0.36	0.96	14	945	33	10 735	989.8	1988	88 10 - SUSP 90 02
239	2.80	0.190	0.41	0.82	84	887	32	10 463	1 031.4	1965	90 11
64	3.50	0.200	0.35	0.82	84	887	32	10 747	1 002.8	1988	89 03
192	2.78	0.180	0.32	0.85	63	887	42	11 230	1 081.8	1987	90 10
64	3.00	0.050	0.50	0.83	83	842	29		1 022.0	1986	90 09
64	6.40	0.090	0.15	0.85	50	808	77	9 693	2 094.1	1988	89 06
65	2.44	0.110	0.20	0.65	117	784	56	12 800	1 545.3	1976	82 12 - SUSP 85 07
65	16.76	0.117	0.12	0.73	83	806	52	5 420	1 363.4	1975	88 12 - SUSP 86 02
6 763	47.55	0.082	0.10	0.67	148	825	60	19 130	2 557.0	1917	90 12 - GPP
64	28.50	0.044	0.34	0.67	146	824	66	26 897	3 103.9	1981	85 12 - GPP
							41		1 460.0	1910	68 07 - GPP
64	2.46	0.170	0.35	0.82	80	839	36	10 300	1 577.0	1974	77 05 - ABAND 77 05

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
TWINING 031-24W4 (CONTINUED)								
UPPER MANNVILLE H	1 000.0	0.20		200.0		200.0	74.0	126.0
GLAUCONITIC A	101.0	0.02		2.0		2.0	1.3	0.7
GLAUCONITIC B	75.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE B WATER FLOOD	1 810.0	0.05	0.15	90.0	272.0	362.0	310.4	51.6
LOWER MANNVILLE C	249.0	0.10		24.9		24.9	7.5	17.4
LOWER MANNVILLE F	100.0	0.11		11.0		11.0	10.1	0.9
LOWER MANNVILLE G	236.0	0.10		23.6		23.6	21.4	2.2
LOWER MANNVILLE H	194.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	295.0	0.10		29.5		29.5	21.9	7.6
LOWER MANNVILLE M	95.9	0.03		2.9		2.9	2.8	0.1
LOWER MANNVILLE N	215.0	0.10		21.5		21.5	9.7	11.8
LOWER MANNVILLE O	323.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE P	164.0	0.20		32.8		32.8	29.5	3.3
LOWER MANNVILLE Q	209.0	0.05		10.5		10.5	2.9	7.6
LOWER MANNVILLE U	140.0	0.15		21.0		21.0	8.2	12.8
LOWER MANNVILLE V	40.0	0.10		4.0		4.0	2.3	1.7
RUNDLE E	117.0	0.10		11.7		11.7	1.2	10.5
RUNDLE F	91.3	<0.01		0.3		0.3	0.3	
RUNDLE G	118.0	<0.01		0.2		0.2	0.2	
RUNDLE A & LOWER MANNVILLE A	144 800.0	0.05		7 240.0		7 240.0	4 853.7	2 386.3
UTIKUMA LAKE 081-09W5								
SLAVE POINT A	197.0	0.10		19.7		19.7	8.4	11.3
SLAVE POINT B	67.1	<0.02		1.0		1.0	1.0	
SLAVE POINT C	128.0	0.05		6.4		6.4	2.4	4.0
SLAVE POINT D	184.0	0.05		9.2		9.2	3.6	5.6
SLAVE POINT E	106.0	0.25		26.5		26.5	5.7	20.8
SLAVE POINT F	105.0	<0.01		0.1		0.1	0.1	
SLAVE POINT G	111.0	0.25		27.8		27.8	0.9	26.9
SLAVE POINT H	214.0	0.25		53.5		53.5	19.5	34.0
SLAVE POINT I	73.6	0.20		14.7		14.7	5.2	9.5
GILWOOD D TOTAL	838.0			186.0	37.0	223.0	121.5	101.5
PRIMARY AREA	438.0	0.15		65.7		65.7		
WATER FLOOD AREA	400.0	0.30	0.10	120.0	37.0	157.0		
GILWOOD E	84.3	0.20		16.9		16.9	0.6	16.3
KEG RIVER A	17 000.0	0.45		7 650.0		7 650.0	6 561.9	1 088.1
KEG RIVER H	256.0	0.35		89.6		89.6	66.6	23.0
KEG RIVER I	824.0	0.35		288.0		288.0	235.9	52.1
KEG RIVER K	620.0	0.35		217.0		217.0	189.3	27.7
KEG RIVER M	1 520.0	0.25		380.0		380.0	225.7	154.3
KEG RIVER N	3 330.0	0.45		1 500.0		1 500.0	1 191.7	308.3
KEG RIVER O	440.0	0.10		44.0		44.0	19.7	24.3
KEG RIVER P	296.0	0.05		14.8		14.8	12.2	2.6
KEG RIVER R	200.0	0.35		70.0		70.0	44.6	25.4
KEG RIVER S	365.0	0.35		128.0		128.0	62.6	65.4
KEG RIVER T	459.0	0.25		115.0		115.0	56.9	58.1
KEG RIVER U	2 350.0	0.25		588.0		588.0	191.9	396.1
KEG RIVER V	222.0	0.25		55.5		55.5	29.1	26.4
KEG RIVER W	58.7	0.30		17.6		17.6	13.0	4.6
KEG RIVER Y	250.0	0.25		62.5		62.5	47.4	15.1
KEG RIVER Y	149.0	0.30		44.7		44.7	15.8	28.9
KEG RIVER Z	274.0	0.30		82.2		82.2	42.5	39.7
KEG RIVER AA	116.0	0.10		11.6		11.6	7.5	4.1
KEG RIVER BB	318.0	0.25		79.5		79.5	47.1	32.4
KEG RIVER CC	157.0	0.25		39.3		39.3	15.0	24.3
KEG RIVER DD	342.0	0.25		85.6		85.6	18.0	67.6
KEG RIVER EE	670.0	0.30		201.0		201.0	54.2	146.8
KEG RIVER GG	39.5	<0.01		0.1		0.1	0.1	
KEG RIVER HH	67.9	<0.03		1.4		1.4	1.4	
KEG RIVER II	180.0	0.35		63.0		63.0	7.7	55.3
KEG RIVER JJ	262.0	0.30		78.6		78.6	3.3	75.3
KEG RIVER KK	190.0	0.25		47.5		47.5	10.9	36.6
KEG RIVER MM	426.0	0.30		128.0		128.0	74.4	53.6
VALHALLA 075-10W6								
DOE CREEK I TOTAL	31 260.0			2 813.0	4 015.0	6 830.0	1 934.3	4 895.7
PRIMARY AREA	14 810.0	0.09		1 333.0		1 333.0		
WATER FLOOD AREA	16 450.0	0.09	0.25	1 480.0	4 015.0	5 495.0		
DOE CREEK K	336.0	0.10		33.6		33.6	15.6	18.0

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	TEST YEAR	[illegible]
ha	m	frac	frac	frac	m3 m3	kg/m3	°C	kPa	m		
112	8.05	0.180	0.23	0.80	51	887	42	10 179	1 601.8	1981	88 11
64	2.50	0.150	0.50	0.84	50	895	49	10 953	1 558.8	1981	90 12 - GPP
64	1.80	0.140	0.45	0.85	54	895	11	10 610	1 520.0	1973	82 08 - SUSP 82 08
1 376	1.67	0.137	0.28	0.80	79	876	52	11 720	1 581.6	1960	87 07 - GPP
65	3.35	0.180	0.22	0.82	53	887	59	10 000	1 585.8	1970	77 11 - GPP
125	1.03	0.150	0.35	0.80	85	869	57	10 980	1 530.6	1977	84 02 - GPP
64	4.00	0.150	0.25	0.82	73	886	53	11 530	1 597.5	1980	80 09 - GPP
64	2.40	0.220	0.30	0.82	78	875	50	11 157	1 526.7	1973	83 12 - SUSP 83 06
128	3.11	0.140	0.34	0.80	80	873	50	10 644	1 532.6	1965	86 12
64	1.53	0.170	0.28	0.80	79	876	52	11 707	1 581.6	1977	87 07 - GPP
64	2.80	0.200	0.25	0.80	74	883	50	9 623	1 581.3	1980	81 08 - GPP
64	5.00	0.180	0.30	0.80	51	887	42	17 804	1 601.8	1982	88 11 - SUSP 86 07
64	2.15	0.200	0.30	0.85	66	865	61	9 616	1 513.0	1961	89 11
64	5.50	0.120	0.43	0.87	47	863	62	9 634	1 521.2	1983	90 04 - GPP
70	2.30	0.130	0.23	0.87	74	875	50	9 976	1 588.0	1987	90 10
32	1.38	0.150	0.27	0.83	74	875	50	11 231	1 607.5	1987	89 10
64	6.30	0.051	0.30	0.81	78	868	61	11 658	1 731.3	1988	88 08
64	5.80	0.050	0.40	0.82	72	869	59	11 933	1 753.1	1978	79 05 - SUSP 79 06
64	6.10	0.060	0.38	0.81	78	868	61	11 855	1 767.5	1988	88 10 - ABAND 88 10
31 053	12.56	0.063	0.29	0.83	66	876	61	11 410	1 650.3	1952	87 07 - GPP
64	6.50	0.080	0.35	0.91	28	843	49	12 498	1 639.0	1982	86 12
64	2.40	0.080	0.40	0.91	27	843	50	14 259	1 632.6	1983	89 12 - ABAND 88 09
64	6.10	0.060	0.40	0.91	28	843	48	9 347	1 631.9	1983	86 12 - SUSP 84 09
64	7.60	0.064	0.35	0.91	28	843	49	15 131	1 635.9	1983	86 12
64	4.00	0.070	0.35	0.91	27	840	51	16 517	1 646.6	1984	84 10
64	4.50	0.080	0.50	0.91	27	848	51	16 916	1 672.9	1984	89 12 - SUSP 84 08
64	4.00	0.070	0.32	0.91	27	848	51	16 590	1 672.9	1984	84 11 - SUSP 88 06
64	9.30	0.060	0.31	0.87	46	840	43	16 142	1 646.6	1984	86 03
64	4.20	0.050	0.34	0.83	67	837	43	15 732	1 642.8	1983	84 11
576					71	819	49	17 530	1 726.7	1966	86 03
320	1.89	0.130	0.31	0.83							
256	2.73	0.106	0.35	0.83							
64	1.24	0.160	0.20	0.83	62	830	48	13 967	1 692.9	1977	89 12 - SUSP 88 08
4 207	3.60	0.186	0.29	0.85	65	820	49	18 270	1 727.4	1963	85 10
84	2.70	0.190	0.30	0.85	65	825	49	15 510	1 755.3	1977	81 11
128	6.13	0.190	0.35	0.85	65	820	49	14 982	1 761.7	1977	81 11
139	4.25	0.180	0.30	0.85	65	839	52	15 630	1 760.9	1977	81 11
448	3.14	0.187	0.32	0.85	65	825	52	11 580	1 726.6	1973	86 10
640	4.96	0.190	0.35	0.85	65	820	49	11 584	1 737.7	1976	86 12
128	3.50	0.175	0.34	0.85	65	810	49	15 620	1 754.8	1979	85 12 - GPP
64	5.29	0.145	0.29	0.85	65	824	48	16 737	1 729.9	1979	86 12
81	2.20	0.186	0.29	0.85	65	825	43	13 957	1 740.3	1979	89 12
128	2.74	0.180	0.32	0.85	59	820	45	15 062	1 715.2	1980	82 05
64	7.09	0.170	0.30	0.85	65	836	49	13 732	1 739.2	1981	81 09 - GPP
320	7.16	0.180	0.33	0.85	58	827	50	15 910	1 740.0	1980	83 03
64	3.20	0.180	0.29	0.85	65	825	49	16 396	1 742.6	1979	79 10
64	0.76	0.200	0.29	0.85	65	824	60	15 323	1 731.8	1982	83 01
64	4.50	0.170	0.40	0.85	65	822	49	15 450	1 736.7	1982	83 04
64	2.80	0.140	0.30	0.85	60	845	49	14 234	1 731.8	1983	83 05
64	4.00	0.180	0.30	0.85	55	823	50	15 011	1 731.0	1983	83 08
64	1.60	0.190	0.30	0.85	57	820	44	12 633	1 746.7	1983	86 12
64	4.30	0.200	0.32	0.85	50	843	61	14 854	1 739.5	1983	83 11
64	2.00	0.200	0.28	0.85	55	843	50	14 443	1 736.0	1983	84 02
64	4.32	0.230	0.36	0.84	78	822	50	14 064	1 731.9	1988	89 10
192	3.21	0.193	0.33	0.84	67	830	41	17 022	1 732.4	1978	87 04
64	1.20	0.110	0.45	0.85	65	844	52	12 612	1 744.2	1984	85 05 - ABAND 85 11
64	3.20	0.060	0.35	0.85	55	825	45	15 253	1 749.0	1980	83 09 - ABAND 87 11
64	3.30	0.152	0.30	0.80	78	824	50		1 744.5	1988	88 08
64	4.40	0.168	0.34	0.84	65	822	49	11 338	791.5	1988	88 08 - SUSP 89 09
64	3.90	0.180	0.20	0.80	78	845	50	13 101	1 730.8	1987	88 11
128	2.84	0.208	0.33	0.84	78	824	50	14 064	1 727.2	1983	89 10
8 952					19	858	29	3 807	702.2	1977	90 04
5 194	2.70	0.220	0.49	0.94							
3 758	4.05	0.230	0.50	0.94							
128	2.15	0.240	0.44	0.91	22	845	28	4 000	722.0	1984	87 03

ERCB

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
VALHALLA 075-10W6 (CONTINUED)								
DOE CREEK L	924.0	0.10		92.4		92.4	17.1	75.3
DOE CREEK M	681.0	0.10		68.1		68.1	11.5	56.6
DOE CREEK N	64.4	0.10		6.4		6.4	5.5	0.9
DOE CREEK O	144.0	0.10		14.4		14.4	1.3	13.1
DOE CREEK Q	46.0	0.10		4.6		4.6		4.6
GETHING C	68.6	<0.02		0.9		0.9	0.9	
CHARLIE LAKE C	44.7	0.20		8.9		8.9	5.9	3.0
CHARLIE LAKE D	103.0	0.10		10.3		10.3	5.0	5.3
CHARLIE LAKE H	3 076.0	0.15		461.0		461.0	102.1	358.9
CHARLIE LAKE I	322.0	0.10		32.2		32.2	10.4	21.8
CHARLIE LAKE J	138.0	0.15		20.7		20.7	7.3	13.4
CHARLIE LAKE K	94.5	0.20		18.9		18.9	13.4	5.5
CHARLIE LAKE L	120.0	0.15		18.0		18.0	5.5	12.5
CHARLIE LAKE M	326.0	0.10		32.6		32.6	5.9	26.7
CHARLIE LAKE O	99.6	0.15		14.9		14.9	3.2	11.7
BOUNDARY B	2 170.0	0.10		217.0		217.0	121.5	95.5
BOUNDARY D	455.0	0.15		68.3		68.3	59.4	8.9
BOUNDARY F	83.5	<0.02		1.2		1.2	1.2	
BOUNDARY H	377.0	0.10		37.7		37.7	18.9	18.8
BOUNDARY I	415.0	0.15		62.3		62.3	43.4	18.9
BOUNDARY J	138.0	0.15		20.7		20.7	8.7	12.0
BOUNDARY K	34.5	0.15		5.2		5.2	0.4	4.8
BOUNDARY L	41.7	0.15		6.3		6.3	0.9	5.4
BOUNDARY A & CHARLIE LAKE A	528.0	0.15		79.2		79.2	26.8	52.4
HALFWAY C	2 300.0	0.20		460.0		460.0	218.0	242.0
HALFWAY E	70.7	0.20		14.1		14.1	2.5	11.6
DOIG A	871.0	0.01		8.7		8.7	6.1	2.6
DOIG B	1 014.0	0.10		101.0		101.0	21.8	79.2
DOIG D	1 045.0	0.10		105.0		105.0	7.9	97.1
DOIG E	570.0	0.01		5.7		5.7		5.7
VAUXHALL 012-17W4								
LOWER MANNVILLE A	57.8	<0.01		0.1		0.1	0.1	
VEGA 061-03W5								
VIKING B	138.0	<0.01		0.2		0.2	0.2	
VIKING C	109.0	<0.01		0.5		0.5	0.5	
VERGER 022-15W4								
UPPER MANNVILLE F	182.0	0.10		18.2		18.2	6.3	11.9
VIRGINIA HILLS 065-13W5								
GETHING A	132.0	0.15		19.8		19.8	9.6	10.2
BELLOY A TOTAL	10 200.0			2 290.0	1 520.0	3 810.0	3 216.4	593.6
PRIMARY AREA	122.0	0.10		12.2		12.2		
WATER FLOOD AREA	10 100.0	<0.23	0.15	2 280.0	1 520.0	3 800.0		
BELLOY B	67.0	<0.01		0.1		0.1	0.1	
BEAVERHILL LAKE TOTAL	76 240.0			17 410.0	10 880.0	28 290.0	22 212.4	6 077.6
PRIMARY AREA	2 639.0	0.23		607.0		607.0		
SOLVENT FLOOD AREA	28 560.0	0.23	0.22	6 570.0	6 310.0	12 880.0		
WATER FLOOD AREA	45 040.0	0.22	0.10	10 230.0	4 570.0	14 800.0		
BEAVERHILL LAKE B	30.4	<0.01		0.1		0.1	0.1	
BEAVERHILL LAKE C	106.0	0.15		15.9		15.9	3.1	12.8
BEAVERHILL LAKE D	119.0	0.15		17.9		17.9	0.9	17.0
VIRGO 115-06W6								
SULPHUR POINT E	35.0	<0.02		0.6		0.6	0.6	
SULPHUR POINT A & KEG RIVER MM	249.0	0.45		112.0		112.0	101.9	10.1
MUSKEG A	334.0	0.20		66.7		66.7	62.2	4.5
MUSKEG B	118.0	0.30		35.4		35.4	23.6	11.8
MUSKEG C	160.0	0.22		35.2		35.2	33.1	2.1
MUSKEG E	59.6	<0.20		11.6		11.6	11.6	
MUSKEG G WATER FLOOD	228.0	0.15	0.10	34.2	22.8	57.0	37.2	19.8
MUSKEG I	207.0	0.25		51.8		51.8	41.4	10.4
MUSKEG J	175.0	0.20		35.0		35.0	21.4	13.6
MUSKEG K	440.0	<0.01		0.9		0.9	0.9	
MUSKEG L	159.0	<0.08		11.8		11.8	11.8	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST PRODUCED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg m3	°C	kPa	m		
256	3.26	0.200	0.37	0.88	49	840	24	5 130	711.0	1978	88 03
256	2.15	0.200	0.35	0.95	13	834	24	4 645	643.5	1985	88 03
64	1.00	0.176	0.35	0.88	43	840	27	4 681	553.5	1983	87 12
64	2.10	0.200	0.43	0.94	22	840	29	3 255	717.5	1987	88 04
64	0.90	0.170	0.50	0.94	22	841	29		536.6	1988	89 12
64	2.00	0.130	0.45	0.75	100	847	60	14 100	1 642.8	1983	86 02 - ABAND 88 [illegible]
80	0.80	0.120	0.18	0.71	125	836	58	18 958	2 004.1	1984	87 12
64	2.00	0.120	0.14	0.78	80	817	64	18 995	1 958.2	1984	84 12
1 420	3.16	0.106	0.16	0.77	100	800	73	17 571	1 980.4	1984	88 08
64	3.70	0.200	0.15	0.80	70	836	75	17 990	2 009.2	1982	86 02
64	2.00	0.180	0.20	0.75	100	840	68	18 924	2 103.8	1986	86 10
80	1.60	0.120	0.18	0.75	100	865	60	18 186	1 912.8	1984	87 12
64	3.50	0.093	0.28	0.80	100	829	73	18 921	1 950.5	1986	87 02
64	4.40	0.165	0.10	0.78	145	839	73	19 244	2 020.2	1986	86 12
64	1.30	0.170	0.12	0.80	165	832	69	17 850	1 912.9	1988	89 05
1 070	1.81	0.180	0.17	0.75	164	821	73	19 723	2 019.2	1972	87 12
320	2.08	0.110	0.15	0.73	150	816	80	18 518	1 978.2	1983	89 03
64	2.30	0.090	0.10	0.70	125	820	73	16 979	1 976.0	1983	89 12 - SUSP 86 10
320	1.13	0.175	0.11	0.67	164	812	73	19 050	1 981.5	1985	89 12 - GPP
384	1.48	0.125	0.13	0.67	164	840	73	19 912	1 913.7	1985	87 05
128	2.24	0.112	0.36	0.67	164	820	73	18 234	2 081.2	1979	88 12
64	1.00	0.120	0.33	0.67	164	812	73	17 440	2 152.5	1985	87 08
64	1.10	0.100	0.20	0.74	123	814	71		1 877.7	1989	90 03
180	3.65	0.136	0.19	0.73	149	835	72	17 570	1 989.9	1981	90 03
750	5.00	0.140	0.26	0.59	145	785	73	19 632	1 953.7	1980	87 07
64	1.20	0.150	0.11	0.69	160	823	78	20 734	1 960.6	1989	89 07
64	24.80	0.106	0.25	0.69	120	815	73	19 664	2 006.0	1983	87 12 - GPP
192	19.46	0.078	0.13	0.40	416	816	73	21 880	2 021.0	1984	88 04 - GPP
140	12.60	0.086	0.14	0.80	249	809	67		2 019.9	1988	90 10 - GPP
64	16.60	0.080	0.16	0.80	248	814	73	22 456	2 014.0	1988	90 10 - GPP
64	1.00	0.150	0.30	0.86	64	895	30	11 069	1 027.9	1980	83 01 - SUSP 83 08
64	2.00	0.210	0.41	0.87	57	849	32	5 150	833.0	1980	85 12 - SUSP 84 04
64	1.50	0.190	0.31	0.87	58	846	30	5 045	810.0	1980	82 03 - SUSP 84 04
64	4.20	0.140	0.45	0.88	47	861	35	9 373	1 073.2	1982	82 12
64	2.00	0.170	0.23	0.79	100	852	64	12 322	1 691.3	1983	84 01
1 948								13 434	1 850.4	1961	82 09
64	3.39	0.100	0.33	0.84							
1 884	5.32	0.174	0.31	0.84							
64	2.35	0.074	0.30	0.86	53	884	69	11 390	1 826.0	1978	88 12 - SUSP 82 03
13 098					88	834	102	25 510	2 830.4	1957	90 09
2 176	3.00	0.070	0.25	0.77							
2 496	19.89	0.090	0.17	0.77							
8 426	9.84	0.086	0.18	0.77							- GPP
64	1.62	0.073	0.45	0.73	97	852	99	13 438	2 752.8	1983	88 12 - ABAND 84 07
64	4.80	0.070	0.35	0.76	80	847	103	10 904	2 855.2	1983	86 12
64	7.81	0.052	0.40	0.76	76	837	105	24 047	2 975.0	1987	87 05
16	4.90	0.070	0.25	0.85	62	860	50	13 646	1 372.4	1977	84 05 - ABAND 89 02
9	53.00	0.070	0.17	0.87	35	865	68	14 400	1 467.9	1968	76 08 - GPP
19	20.82	0.130	0.15	0.78	85	839	74	15 170	1 515.2	1968	69 04
17	23.00	0.050	0.20	0.75	74	849	71	14 240	1 478.0	1968	87 02
8	32.63	0.080	0.11	0.86	45	865	76	14 730	1 496.0	1968	90 03 - GPP
4	19.05	0.100	0.10	0.86	46	870	71	12 440	1 472.2	1969	80 12 - SUSP 80 09
17	18.82	0.090	0.10	0.88	39	881	67	13 860	1 475.2	1969	90 07 - GPP
16	44.20	0.050	0.20	0.74	88	829	72	14 670	1 541.4	1970	86 12 - GPP
49	12.71	0.046	0.30	0.88	35	881	65	13 580	1 439.8	1971	82 12 - GPP
65	20.12	0.051	0.17	0.80	80	849	71	14 890	1 500.5	1971	73 02 - ABAND 90 01
13	17.98	0.089	0.11	0.86	53	870	70	11 960	1 481.6	1971	73 12 - ABAND 89 03

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
VIRGO 115-06W6 (CONTINUED)								
MUSKEG M	173.0	<0.03		4.1		4.1	4.1	
MUSKEG Q	943.0	0.05		47.2		47.2	4.3	42.9
MUSKEG R	601.0	<0.01		5.0		5.0	5.0	
MUSKEG S	144.0	<0.01		0.5		0.5	0.5	
MUSKEG T	139.0	<0.01		0.5		0.5	0.5	
MUSKEG U	174.0	<0.01		1.3		1.3	1.3	
MUSKEG D & KEG RIVER L	429.0	0.20		85.8		85.8	76.5	9.3
MUSKEG P & KEG RIVER R3R	185.0	<0.01		0.9		0.9	0.9	
KEG RIVER A	222.0	0.30		66.7		66.7	45.0	21.7
KEG RIVER B WATER FLOOD	397.0	0.32	0.09	127.0	35.7	163.0	124.8	38.2
KEG RIVER C	139.0	0.40		55.8		55.8	51.9	3.9
KEG RIVER D WATER FLOOD	821.0	0.15	0.10	123.0	82.1	205.0	101.4	103.6
KEG RIVER E WATER FLOOD	620.0	0.35	0.10	217.0	62.0	279.0	211.0	68.0
KEG RIVER F	159.0	0.20		31.8		31.8	23.9	7.9
KEG RIVER G	461.0	0.20		92.2		92.2	74.6	17.6
KEG RIVER H	636.0	0.26		165.0		165.0	132.9	32.1
KEG RIVER I WATER FLOOD	359.0	0.35	0.13	126.0	46.7	173.0	125.8	47.2
KEG RIVER J	159.0	0.38		60.4		60.4	58.3	2.1
KEG RIVER K	221.0	0.52		115.0		115.0	104.3	10.7
KEG RIVER M	130.0	0.25		32.5		32.5	29.2	3.3
KEG RIVER N	159.0	0.35		55.7		55.7	40.9	14.8
KEG RIVER O WATER FLOOD	159.0	0.38	0.06	60.4	9.5	70.0	42.6	27.4
KEG RIVER P WATER FLOOD	350.0	0.10	0.26	35.0	91.0	126.0	34.6	91.4
KEG RIVER Q	477.0	0.15		71.6		71.6	58.1	13.5
KEG RIVER R WATER FLOOD	355.0	0.35	0.05	124.0	18.0	142.0	136.2	5.8
KEG RIVER S WATER FLOOD	270.0	0.30		81.0		81.0	73.4	7.6
KEG RIVER T	524.0	<0.11		53.4		53.4	53.4	
KEG RIVER U	381.0	<0.11		39.6		39.6	39.6	
KEG RIVER V	195.0	0.35		68.3		68.3	56.4	11.9
KEG RIVER W	715.0	0.30		215.0		215.0	167.0	48.0
KEG RIVER X	254.0	<0.11		26.3		26.3	26.3	
KEG RIVER Y	290.0	0.40		116.0		116.0	97.4	18.6
KEG RIVER Z WATER FLOOD	354.0	0.39	0.09	138.0	31.9	170.0	160.7	9.3
KEG RIVER AA	572.0	0.18		103.0		103.0	98.8	4.2
KEG RIVER BB	192.0	0.40		76.8		76.8	65.6	11.2
KEG RIVER CC	30.7	0.30		9.2		9.2	6.5	2.7
KEG RIVER DD WATER FLOOD	110.0	0.30	0.13	33.0	14.0	47.0	37.6	9.4
KEG RIVER EE	127.0	0.25		31.8		31.8	27.9	3.9
KEG RIVER FF	636.0	<0.05		30.6		30.6	30.6	
KEG RIVER GG	636.0	0.09		57.2		57.2	53.0	4.2
KEG RIVER HH	284.0	0.40		114.0		114.0	74.4	39.6
KEG RIVER II	366.0	<0.06		19.9		19.9	19.9	
KEG RIVER JJ	556.0	0.30		167.0		167.0	139.4	27.6
KEG RIVER KK	318.0	<0.08		25.0		25.0	25.0	
KEG RIVER LL	95.3	<0.12		11.0		11.0	11.0	
KEG RIVER NN	159.0	0.40		63.6		63.6	52.4	11.2
KEG RIVER OO	159.0	<0.11		16.2		16.2	16.2	
KEG RIVER PP	47.7	<0.06		2.8		2.8	2.8	
KEG RIVER QQ	238.0	<0.16		36.2		36.2	36.2	
KEG RIVER RR	1 270.0	<0.08		90.4		90.4	90.4	
KEG RIVER SS	155.0	0.30		46.6		46.6	32.3	14.3
KEG RIVER TT	191.0	<0.13		23.1		23.1	23.1	
KEG RIVER UU	152.0	0.10		15.2		15.2	7.5	7.7
KEG RIVER VV	560.0	0.40		224.0		224.0	183.0	41.0
KEG RIVER WW WATER FLOOD	300.0	0.30	0.07	90.0	20.0	110.0	103.2	6.8
KEG RIVER XX	578.0	<0.09		47.4		47.4	47.4	
KEG RIVER YY	200.0	<0.26		50.6		50.6	50.6	
KEG RIVER ZZ	238.0	0.35		83.3		83.3	65.7	17.6

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	[illegible]	DATE LAST [illegible]
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
65	12.50	0.040	0.35	0.82	106	834	73	12 590	1 486.0	1970	80 12 - ABAND 88 12
64	27.90	0.080	0.25	0.88	39	882	67	13 301	1 487.0	1983	86 10 - SUSP 88 04
64	11.00	0.120	0.11	0.80	45	824	62	14 491	1 546.5	1983	85 12 - SUSP 88 04
64	5.80	0.060	0.24	0.85	54	876	58	14 358	1 [illegible]	1983	87 09 - ABAND 89 04
64	5.00	0.062	0.11	0.79	39	860	59	14 320	1 492.5	1985	88 12 - ABAND 88 12
64	12.30	0.042	0.38	0.85	45	852	76	15 247	1 546.0	1981	89 12 - SUSP 87 04
49	16.70	0.076	0.17	0.83	75	829	62	15 790	1 595.5	1968	79 11 - GPP
64	7.00	0.080	0.40	0.86	34	794	82	13 677	1 647.5	1981	88 12 - SUSP 82 07
10	41.03	0.080	0.15	0.76	106	825	68	15 170	1 545.0	1968	70 02 - SUSP 88 10
14	38.93	0.094	0.11	0.87	43	849	71	14 670	1 466.7	1968	85 05 - GPP
8	35.30	0.068	0.16	0.90	32	876	64	14 560	1 460.6	1968	71 03
37	31.20	0.093	0.10	0.85	48	860	73	15 000	1 497.2	1968	90 04
13	68.75	0.094	0.10	0.82	75	849	68	15 200	1 513.0	1967	90 05 - GPP
5	37.80	0.130	0.08	0.69	143	876	76	15 130	1 531.0	1968	79 04
10	88.09	0.077	0.16	0.80	74	839	76	16 030	1 592.0	1968	83 12 - GPP
13	70.46	0.093	0.10	0.83	65	876	77	15 270	1 499.0	1968	85 08 - GPP
12	44.50	0.090	0.10	0.83	78	849	71	14 990	1 495.0	1968	83 12 - I.S. NO. 5
11	36.45	0.053	0.14	0.87	50	865	68	14 460	1 462.1	1968	81 10 - GPP
8	56.81	0.065	0.12	0.85	45	855	70	14 930	1 499.3	1968	88 12
9	35.00	0.070	0.18	0.72	121	815	78	15 070	1 535.9	1968	87 12
6	47.40	0.073	0.12	0.87	50	865	68	14 550	1 474.6	1968	82 12
6	52.50	0.066	0.12	0.87	43	865	61	14 400	1 467.0	1968	86 05 - GPP
8	74.75	0.081	0.14	0.84	45	860	76	14 960	1 503.6	1968	85 05
15	62.00	0.071	0.14	0.84	58	855	72	14 980	1 504.2	1968	90 12 - SUSP 89 10
9	54.11	0.100	0.10	0.81	80	876	63	15 090	1 564.5	1968	90 12 - I.S. NO. 5
6	79.20	0.077	0.10	0.82	60	855	71	12 770	1 530.4	1968	82 12 - GPP
22	42.70	0.080	0.15	0.82	69	849	71	14 340	1 494.7	1968	89 12 - SUSP 87 09
19	30.75	0.100	0.11	0.75	107	829	71	15 470	1 551.7	1968	75 02 - SUSP 73 08
7	37.50	0.110	0.10	0.75	101	839	72	15 170	1 527.7	1968	83 12 - GPP
11	73.15	0.120	0.09	0.82	68	849	71	15 280	1 515.8	1968	76 05 - SUSP 90 08
6	66.45	0.093	0.12	0.77	96	839	72	15 370	1 538.0	1968	77 03 - SUSP 75 12
19	34.42	0.060	0.15	0.87	47	849	69	14 740	1 473.0	1968	90 12
11	52.50	0.084	0.10	0.81	75	860	64	14 780	1 489.6	1968	88 12 - I.S. NO. 6
25	47.24	0.073	0.24	0.87	45	849	72	14 860	1 486.8	1968	86 12 - SUSP 89 11
10	43.30	0.060	0.16	0.88	35	855	67	14 650	1 467.6	1968	83 12 - GPP
7	27.10	0.025	0.30	0.89	30	860	68	14 450	1 447.2	1968	80 06 - GPP
9	22.89	0.074	0.13	0.83	67	849	69	14 450	1 481.0	1968	86 02 - GPP
10	21.56	0.090	0.15	0.77	101	839	71	15 310	1 529.5	1968	69 11 - GPP
34	39.51	0.070	0.11	0.76	104	820	70	15 380	1 544.7	1968	88 12 - SUSP 86 02
51	28.56	0.069	0.14	0.73	120	829	74	15 040	1 541.7	1968	83 12 - GPP
16	22.56	0.130	0.11	0.68	158	815	79	15 450	1 570.3	1968	86 12 - SUSP 88 12
9	68.00	0.085	0.20	0.88	46	876	63	14 690	1 482.9	1968	86 12 - ABAND 89 11
19	50.11	0.081	0.16	0.84	53	870	69	14 740	1 475.3	1968	70 02 - GPP
17	36.82	0.080	0.15	0.73	124	834	69	15 290	1 554.2	1968	78 10 - SUSP 77 10
10	17.98	0.079	0.19	0.80	74	844	70	15 620	1 632.2	1968	89 12 - SUSP 87 03
4	47.25	0.110	0.09	0.84	56	870	62	14 580	1 476.1	1968	83 12
9	33.78	0.070	0.13	0.86	50	865	68	14 160	1 464.3	1968	82 12 - ABAND 90 01
6	17.25	0.067	0.20	0.85	72	844	71	13 620	1 492.9	1968	70 02 - SUSP 73 03
19	26.16	0.082	0.20	0.73	118	839	72	15 452	1 545.3	1968	78 07 - SUSP 83 09
57	39.32	0.076	0.12	0.85	43	860	69	14 820	1 481.3	1969	84 12 - ABAND 90 03
19	32.40	0.040	0.25	0.84	58	876	66	14 620	1 474.3	1969	70 06 - GPP
9	38.25	0.083	0.10	0.75	107	834	71	15 360	1 549.0	1968	77 05 - SUSP 77 02
34	18.04	0.040	0.25	0.82	69	849	71	13 570	1 484.0	1968	87 12 - GPP
20	48.40	0.081	0.15	0.84	65	860	70	14 618	1 483.8	1969	89 12
16	25.00	0.098	0.09	0.84	64	860	70	14 740	1 501.1	1969	86 02 - GPP
17	33.89	0.140	0.08	0.78	92	829	76	15 380	1 553.0	1969	77 11 - ABAND 76 11
6	52.30	0.094	0.12	0.77	91	834	76	15 130	1 547.5	1969	81 10 - SUSP 83 03
15	27.77	0.080	0.20	0.88	40	855	70	14 480	1 467.3	1969	86 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
VIRGO 11S-06W6 (CONTINUED)								
KEG RIVER AAA	230.0	0.35	0.13	80.5	29.9	110.0	108.5	1.5
WATER FLOOD								
KEG RIVER BBB	445.0	<0.18		79.9		79.9	79.9	
KEG RIVER CCC TOTAL	250.0			20.0	21.3	41.3	23.9	17.4
PRIMARY AREA	125.0	0.08		10.0		10.0		
WATER FLOOD AREA	125.0	0.08	0.17	10.0	21.3	31.3		
KEG RIVER DDD	191.0	0.07		13.4		13.4	13.4	
KEG RIVER EEE	238.0	<0.10		22.3		22.3	22.3	
KEG RIVER FFF	292.0	<0.01		0.3		0.3	0.3	
KEG RIVER GGG	440.0	0.10	0.08	44.0	36.0	80.0	78.0	2.0
WATER FLOOD								
KEG RIVER HHH	49.6	<0.12		5.9		5.9	5.9	
KEG RIVER III	47.7	<0.05		2.1		2.1	2.1	
KEG RIVER JJJ	556.0	<0.05		24.7		24.7	24.7	
KEG RIVER KKK	238.0	0.35		83.3		83.3	77.8	5.5
KEG RIVER LLL	207.0	0.30		62.0		62.0	46.5	15.5
KEG RIVER MMM	95.3	0.36		34.3		34.3	33.3	1.0
KEG RIVER NNN	207.0	0.40		82.8		82.8	72.6	10.2
KEG RIVER OOO	200.0	<0.20	0.03	38.4	6.0	44.4	44.4	
WATER FLOOD								
KEG RIVER PPP	227.0	0.15	0.10	34.2	22.7	56.9	54.5	2.4
WATER FLOOD								
KEG RIVER QQQ	320.0	<0.16		49.0		49.0	49.0	
KEG RIVER RRR	556.0	0.10		55.6		55.6	39.2	16.4
KEG RIVER SSS	238.0	0.05		11.9		11.9	7.8	4.1
KEG RIVER TTT	444.0	0.28		124.0	ERSO	124.0	114.4	9.6
KEG RIVER UUU	111.0	0.20		22.2		22.2	22.2	
KEG RIVER VVV	37.8	0.30		11.3		11.3	6.4	4.9
KEG RIVER WWW	111.0	<0.10		10.5		10.5	10.5	
KEG RIVER XXX	267.0	0.20		53.4		53.4	44.6	8.8
KEG RIVER YYY	175.0	<0.25		42.1		42.1	42.1	
KEG RIVER ZZZ	195.0	0.40		78.0		78.0	63.5	14.5
KEG RIVER A2A	280.0	0.32	0.03	89.6	8.4	98.0	89.6	8.4
WATER FLOOD								
KEG RIVER B2B	331.0	<0.06		17.5		17.5	17.5	
KEG RIVER C2C	397.0	<0.08		31.0		31.0	31.0	
KEG RIVER D2D	370.0	0.28		104.0	ERSO	104.0	93.4	10.6
KEG RIVER E2E	238.0	<0.06		13.2		13.2	13.2	
KEG RIVER F2F	139.0	<0.13		17.6	ERSO	17.6	17.6	
KEG RIVER G2G	79.5	<0.01		0.7		0.7	0.7	
KEG RIVER H2H	477.0	<0.08		37.2	ERSO	37.2	37.2	
KEG RIVER I2I	280.0	0.35		98.0		98.0	80.1	17.9
KEG RIVER J2J	56.3	0.30		16.9		16.9	6.4	10.5
KEG RIVER K2K	636.0	0.17		108.0		108.0	101.2	6.8
KEG RIVER L2L	253.0	<0.14		34.0		34.0	34.0	
KEG RIVER M2M	259.0	0.15		38.9		38.9	26.6	12.3
KEG RIVER N2N	348.0	0.18		62.6		62.6	59.6	3.0
KEG RIVER O2O	238.0	<0.08		18.8		18.8	18.8	
KEG RIVER P2P	191.0	<0.02		3.6		3.6	3.6	
KEG RIVER Q2Q	74.8	<0.03		1.9	ERSO	1.9	1.9	
KEG RIVER R2R	397.0	0.07	0.08	27.8	31.8	59.6	46.9	12.7
WATER FLOOD								
KEG RIVER S2S	270.0	0.40		108.0		108.0	72.3	35.7
KEG RIVER T2T	203.0	<0.21		41.3		41.3	41.3	
KEG RIVER U2U	421.0	0.11		46.3		46.3	41.5	4.8
KEG RIVER V2V	101.0	<0.19		18.2		18.2	18.2	
KEG RIVER W2W	636.0	<0.08		45.0		45.0	45.0	
KEG RIVER X2X	397.0	<0.14		52.5		52.5	52.5	
KEG RIVER Y2Y	747.0	0.15		112.0		112.0	75.9	36.1
KEG RIVER Z2Z	500.0	0.25	0.15	125.0	75.0	200.0	30.0	170.0
WATER FLOOD								
KEG RIVER A3A	254.0	0.35		89.0		89.0	80.7	8.3
KEG RIVER B3B	477.0	<0.07		33.2		33.2	33.2	
KEG RIVER C3C	159.0	<0.20		30.9		30.9	30.9	
KEG RIVER D3D	111.0	0.35		38.9		38.9	30.9	8.0
KEG RIVER E3E	556.0	0.12		66.7		66.7	54.3	12.4
KEG RIVER F3F	404.0	<0.03		9.6		9.6	9.6	
KEG RIVER G3G	310.0	<0.03		6.6		6.6	6.6	
KEG RIVER H3H	96.9	0.35		33.9		33.9	16.0	17.9
KEG RIVER I3I	248.0	<0.02		3.7		3.7	3.7	
KEG RIVER J3J	397.0	0.17		67.5		67.5	57.7	9.8

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVISED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
11	44.00	0.070	0.15	0.80	84	839	71	14 960	1 494.4	1968	81 12 - I.S. NO. 6
8	65.23	0.120	0.10	0.78	93	834	72	15 310	1 532.2	1969	82 12 - SUSP 80 07
8					47	855	71	14 400	1 504.0	1969	81 04
4	34.40	0.120	0.10	0.84							
4	70.50	0.060	0.12	0.84							
7	44.00	0.082	0.11	0.85	50	865	68	13 220	1 469.4	1969	83 12 - SUSP 81 12
5	57.24	0.107	0.12	0.84	54	865	71	12 670	1 501.1	1969	70 10 - SUSP 71 07
65	6.40	0.100	0.15	0.83	69	849	71	13 340	1 482.5	1969	70 12 - SUSP 70 01
11	51.27	0.102	0.10	0.85	53	865	70	13 970	1 495.3	1969	86 02 - GPP
8	24.78	0.037	0.24	0.89	40	860	68	13 930	1 442.9	1969	89 12 - SUSP 86 02
8	15.54	0.064	0.24	0.82	71	839	71	13 510	1 498.4	1969	74 05 - ABAND 70 11
21	40.39	0.094	0.15	0.82	62	865	72	14 250	1 529.5	1969	79 12 SUSP 83 08
7	47.89	0.094	0.09	0.83	67	849	71	14 600	1 504.3	1969	83 12
14	39.32	0.053	0.20	0.90	30	870	68	14 280	1 460.3	1969	70 07 - GPP
14	24.54	0.040	0.22	0.88	46	855	71	14 380	1 476.5	1969	88 12 - GPP
22	27.01	0.050	0.20	0.86	44	870	68	14 310	1 463.3	1969	87 12 - GPP
4	82.75	0.080	0.10	0.84	59	844	66	11 660	1 506.0	1969	86 02 - SUSP 79 12
11	60.96	0.047	0.14	0.84	60	855	68	13 810	1 498.1	1969	76 12 - GPP - I.S. NO. 5
18	45.80	0.072	0.13	0.62	210	820	78	15 530	1 586.2	1969	83 12 - SUSP 82 02
15	65.00	0.096	0.11	0.65	171	815	78	15 180	1 570.9	1969	87 12 - GPP
6	72.92	0.080	0.20	0.85	52	870	71	13 910	1 524.0	1969	87 12 - GPP
11	60.27	0.095	0.13	0.81	71	855	74	15 220	1 534.7	1969	87 12 - GPP
8	37.88	0.069	0.17	0.64	192	811	82	15 470	1 595.6	1969	85 12 - SUSP 82 01
5	26.52	0.044	0.21	0.82	66	876	75	13 210	1 511.5	1969	75 12
7	21.34	0.110	0.12	0.74	118	829	71	14 800	1 539.9	1969	75 12 - SUSP 75 06
16	30.80	0.075	0.15	0.85	30	865	68	14 460	1 455.1	1968	79 12 - GPP
10	40.90	0.069	0.15	0.73	123	829	72	15 240	1 540.8	1969	89 12 - SUSP 86 10
22	33.38	0.047	0.30	0.80	64	849	70	13 850	1 477.7	1969	87 12
10	43.30	0.090	0.12	0.80	84	844	76	15 100	1 534.4	1969	90 05 - GPP
20	26.49	0.090	0.23	0.89	34	870	70	13 560	1 456.6	1969	75 12 - ABAND 90 01
10	48.83	0.105	0.11	0.87	41	881	64	13 130	1 464.6	1969	80 01 - SUSP 83 09
9	76.78	0.077	0.12	0.79	77	844	73	14 730	1 531.6	1969	87 12 - SUSP 90 03
12	33.89	0.079	0.15	0.86	48	870	69	11 190	1 490.8	1969	73 02 - SUSP 72 12
11	24.08	0.085	0.17	0.76	104	834	73	15 130	1 520.0	1969	70 06 - ABAND 89 02
11	28.65	0.045	0.32	0.83	62	849	71	14 500	1 497.5	1969	73 02 - SUSP 71 07
17	40.54	0.103	0.12	0.78	90	849	71	14 710	1 510.0	1969	89 12 - ABAND 89 02
17	34.70	0.070	0.22	0.87	43	860	70	14 130	1 467.6	1969	87 01
11	29.19	0.033	0.23	0.69	125	815	82	15 480	1 606.0	1969	88 12 - GPP
9	78.15	0.114	0.08	0.83	63	849	70	11 050	1 521.6	1970	82 12 - GPP
11	43.56	0.070	0.17	0.88	37	865	68	13 720	1 471.0	1970	88 12 - ABAND 89 03
23	27.22	0.061	0.20	0.86	45	834	72	13 880	1 474.6	1970	85 12 - SUSP 89 03
15	36.09	0.085	0.10	0.82	70	849	73	13 360	1 501.4	1970	86 12 - GPP
12	44.35	0.061	0.20	0.88	38	855	68	14 370	1 457.6	1970	82 12 - SUSP 84 05
13	33.83	0.075	0.20	0.75	92	829	76	14 930	1 563.6	1970	75 03 - SUSP 75 03
8	30.48	0.050	0.20	0.80	90	849	72	13 890	1 524.6	1970	88 12 - GPP - I.S. NO. 7
15	46.02	0.075	0.10	0.82	68	860	70	11 400	1 491.8	1970	75 12 - SUSP 89 02
13	40.93	0.075	0.10	0.78	90	839	72	14 040	1 513.9	1970	71 09 - GPP
6	54.60	0.085	0.10	0.81	53	849	79	12 600	1 500.2	1971	75 12 - ABAND 89 07
10	48.77	0.120	0.10	0.80	76	849	73	12 450	1 523.1	1971	84 12 - GPP
11	48.89	0.030	0.23	0.82	80	849	73	14 530	1 508.5	1971	72 07 - ABAND 89 08
13	91.74	0.073	0.10	0.84	89	865	70	10 450	1 512.4	1971	81 12 - ABAND 89 07
11	49.07	0.105	0.18	0.86	53	865	70	10 640	1 476.5	1972	89 12 - SUSP 87 03
11	72.40	0.120	0.07	0.84	57	855	69	12 500	1 495.3	1972	84 07
14	60.43	0.087	0.21	0.86	33	870	60	6 235	1 483.1	1971	87 07
12	45.72	0.070	0.15	0.77	89	829	81	15 240	1 531.9	1972	73 05
10	54.86	0.120	0.10	0.83	51	865	72	14 360	1 496.3	1972	85 12 - SUSP 85 06
7	32.80	0.090	0.10	0.87	53	870	69	14 880	1 467.9	1972	82 12 - ABAND 89 09
5	31.18	0.095	0.18	0.87	33	876	65	13 810	1 449.6	1973	74 05 - GPP
9	55.17	0.136	0.10	0.87	43	870	62	14 270	1 471.6	1973	86 12 - GPP
39	15.88	0.100	0.23	0.85	59	855	67	14 040	1 473.1	1973	79 12 - ABAND 88 12
29	21.46	0.072	0.18	0.85	57	855	69	12 580	1 481.3	1973	78 03 - ABAND 88 12
13	22.70	0.050	0.18	0.80	89	839	60	15 670	1 574.0	1969	74 12 - SUSP 89 11
32	19.51	0.063	0.20	0.80	76	829	70	15 220	1 539.3	1969	85 12 - ABAND 90 01
12	54.25	0.090	0.20	0.84	66	849	72	15 060	1 490.5	1977	87 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
VIRGO 115-06W6 (CONTINUED)								
KEG RIVER L3L	65.3	<0.01		0.2		0.2	0.2	
KEG RIVER N3N	353.0	0.10		35.3		35.3	30.1	5.2
KEG RIVER O3O	74.3	<0.10		6.9		6.9	6.9	
KEG RIVER P3P	384.0	<0.01		0.3		0.3	0.3	
KEG RIVER Q3Q	327.0	<0.07		20.0		20.0	20.0	
KEG RIVER S3S	91.6	<0.03		2.6		2.6	2.6	
KEG RIVER T3T	110.0	<0.03		2.3		2.3	2.3	
KEG RIVER U3U	130.0	0.40		52.0		52.0	20.9	31.1
KEG RIVER V3V	600.0	0.10		60.0		60.0	32.9	27.1
KEG RIVER W3W	115.0	<0.01		0.5		0.5	0.5	
KEG RIVER X3X	93.3	0.30		28.0		28.0	5.8	22.2
KEG RIVER Y3Y	362.0	0.15		19.7		19.7	4.3	15.4
KEG RIVER Z3Z	50.0	0.25		12.5		12.5	2.6	9.9
KEG RIVER A4A	417.0	0.10		41.7		41.7	11.3	30.4
KEG RIVER B4B	300.0	0.10		30.0		30.0	22.2	7.8
KEG RIVER C4C	187.0	0.30		56.1		56.1	22.4	33.7
KEG RIVER D4D	500.0	0.05		25.0		25.0	13.3	11.7
KEG RIVER E4E	156.0	<0.02		2.0		2.0	2.0	
KEG RIVER F4F WATER FLOOD	550.0	0.10	0.18	55.0	99.0	154.0	32.8	121.2
KEG RIVER G4G	300.0	0.15		45.0		45.0	31.5	13.5
KEG RIVER H4H	400.0	0.15		60.0		60.0	27.9	32.1
KEG RIVER I4I	100.0	<0.01		0.5		0.5	0.5	
KEG RIVER J4J	100.0	0.25		25.0		25.0	11.9	13.1
KEG RIVER K4K	225.0	0.25		56.3		56.3	9.1	47.2
KEG RIVER L4L	450.0	<0.03		10.8		10.8	10.8	
KEG RIVER M4M	240.0	0.10		24.0		24.0	1.4	22.6
KEG RIVER N4N	176.0	0.10		17.6		17.6	4.2	13.4
KEG RIVER O4O	250.0	0.40		100.0		100.0	52.3	47.7
KEG RIVER P4P	85.8	0.25		21.5		21.5	8.4	13.1
KEG RIVER Q4Q	179.0	0.10		17.9		17.9	9.7	8.2
KEG RIVER R4R	335.0	0.05		16.8		16.8	11.9	4.9
KEG RIVER S4S	100.0	0.20		20.0		20.0	3.0	17.0
KEG RIVER T4T	383.0	0.25		95.8		95.8	8.1	87.7
KEG RIVER U4U	567.0	0.15		85.1		85.1	35.2	49.9
VULCAN 016-24W4								
BASAL MANNVILLE C	69.3	0.20		13.9		13.9	12.7	1.2
WANYANDIE 060-27W5								
CARDIUM A	242.0	0.10		24.2		24.2	7.8	16.4
CARDIUM B	424.0	<0.01		0.1		0.1	0.1	
CARDIUM C	397.0	0.05		19.9		19.9	1.6	18.3
WAPITI 067-06W6								
CARDIUM A & B	13 650.0	0.10		1 365.0		1 365.0	228.3	1 136.7
DUNVEGAN B	2 665.0	0.10		267.0		267.0	83.1	183.9
DUNVEGAN E	292.0	0.10		29.2		29.2	2.2	27.0
WASKAHIGAN 063-24W5								
DUNVEGAN A	3 000.0	0.05		150.0		150.0	129.1	20.9
DUNVEGAN C	520.0	0.05		26.0		26.0	17.6	8.4
DUNVEGAN D	133.0	0.15		20.0		20.0	14.1	5.9
WATELET 047-26W4								
BELLY RIVER B	281.0	0.02		5.6		5.6	2.0	3.6
ELLERSLIE A	320.0	0.15		48.0		48.0	41.9	6.1
WATTS 031-16W4								
LOWER MANNVILLE A	139.0	0.10		13.9		13.9	8.9	5.0
LOWER MANNVILLE B	167.0	0.10		16.7		16.7	7.1	9.6
LOWER MANNVILLE D	231.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE E	496.0	0.05		24.8		24.8	9.4	15.4
LOWER MANNVILLE I	220.0	0.10		22.0		22.0	8.3	13.7
LOWER MANNVILLE J	418.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE K	161.0	0.05		8.0		8.0	0.1	7.9
LOWER MANNVILLE L	146.0	0.10		14.6		14.6	0.1	14.5
BANFF A	50.0	0.10		5.0		5.0	1.8	3.2
BANFF C	557.0	0.10		55.7		55.7	23.8	31.9
BANFF D	829.0	0.10		82.9		82.9	24.3	58.6
BANFF G	114.0	<0.01		0.4		0.4	0.4	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	[illegible]
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
8	22.60	0.060	0.30	0.86	35	850	68	11 380	1 [illegible]	[illegible]	[illegible] - SUSP 87 08
16	42.00	0.072	0.12	0.83	35	852	77	15 240	1 496.0	1981	90 12
8	22.50	0.060	0.20	0.86	46	835	64	9 278	1 384.8	1981	85 12 - ABAND 88 12
64	19.50	0.055	0.30	0.80	77	854	55	11 163	1 341.8	1983	86 12 - SUSP 88 02
16	27.00	0.110	0.20	0.86	34	850	65	11 724	1 385.5	1980	89 12 - SUSP 87 08
16	18.00	0.050	0.26	0.86	49	872	70	11 000	1 458.5	1983	85 [illegible] - SUSP 85 08
4	46.48	0.080	0.13	0.85	58	860	71	7 346	1 302.5	1982	84 [illegible] - ABAND 87 02
8	52.70	0.047	0.21	0.85	48	854	85	11 105	1 484.8	1984	85 [illegible]
13	52.59	0.116	0.11	0.85	51	862	71	11 867	1 495.1	1984	90 12
64	15.90	0.026	0.50	0.87	43	890	68	13 765	1 443.1	1984	85 [illegible] ABAND 88 03
30	20.33	0.030	0.40	0.85	51	871	71	13 566	1 457.9	1985	86 [illegible]
16	32.30	0.032	0.25	0.73	104	844	73	14 717	1 498.2	1981	89 12
4	37.60	0.051	0.25	0.87	30	878	68	8 452	1 467.4	1985	85 03 - SUSP 88 11
16	38.85	0.092	0.18	0.89	38	858	68	14 422	1 474.5	1985	90 12 - SUSP 88 08
23	30.83	0.069	0.16	0.73	104	875	73	15 151	1 533.2	1985	90 12
26	13.22	0.080	0.20	0.85	58	850	72	14 766	1 569.5	1985	87 01
11	77.68	0.081	0.16	0.86	30	873	68	11 997	1 486.7	1985	90 12
64	10.00	0.040	0.29	0.86	30	875	68	12 403	1 411.0	1985	86 01 - ABAND 87 11
10	73.90	0.095	0.13	0.90	33	889	70	13 555	1 496.5	1985	88 10
15	26.12	0.100	0.12	0.87	43	865	68	12 181	1 477.6	1985	90 07
7	73.90	0.107	0.16	0.86	241	891	68	13 738	1 504.5	1985	90 12
13	17.47	0.064	0.20	0.86	44	855	15	14 138	1 477.5	1985	87 03 - ABAND 90 01
19	29.10	0.034	0.30	0.76	106	872	68	14 712	1 531.2	1985	87 01
30	20.49	0.052	0.20	0.88	34	852	67	13 969	1 460.3	1986	87 07
14	44.58	0.101	0.17	0.86	48	874	64	13 560	1 531.0	1986	87 07 - ABAND 89 08
11	38.23	0.079	0.15	0.85	51	808	71	14 229	1 489.0	1986	87 12
16	19.68	0.074	0.14	0.88	37	872	57	13 954	1 458.3	1986	90 12
14	59.80	0.048	0.26	0.84	72	869	71	15 596	1 506.0	1987	88 09
6	34.60	0.076	0.15	0.64	193	839	78	13 677	1 564.5	1987	87 05
16	20.72	0.073	0.13	0.85	43	867	68	13 210	1 519.3	1986	90 12
17	56.50	0.068	0.21	0.65	159	839	78	13 510	1 555.0	1987	90 12
13	28.95	0.041	0.19	0.80	78	844	70	12 118	1 579.3	1988	90 04 - SUSP 89 12
16	44.00	0.100	0.20	0.68	161	803	80		1 551.5	1989	90 08
64	36.90	0.040	0.23	0.78	89	850	71	16 930	1 507.2	1989	90 06 - SPP
32	4.01	0.100	0.40	0.90	80	854	49	14 085	1 630.0	1952	88 08 - SPP
64	15.39	0.066	0.40	0.62	134	817	65	15 170	2 232.7	1980	82 12
64	17.80	0.077	0.22	0.62	180	780	65	15 410	2 149.6	1981	88 12 - SUSP 83 04
64	15.90	0.090	0.30	0.62	134	823	65	15 136	2 154.8	1980	85 12
2 492	8.25	0.112	0.25	0.79	98	810	40	10 462	1 406.5	1969	87 11
1 547	2.01	0.153	0.30	0.80	88	800	50	10 032	1 507.4	1958	90 07
64	6.80	0.120	0.30	0.80	88	816	50		1 560.1	1988	88 12
698	5.77	0.145	0.35	0.79	76	834	57	10 240	1 539.2	1967	85 08 - SPP
128	4.61	0.180	0.38	0.79	88	831	40	7 832	1 523.7	1959	85 08 - SPP
64	2.70	0.130	0.25	0.79	88	834	54	10 396	1 764.9	1981	90 12
64	3.00	0.250	0.35	0.90	28	865	31	5 270	723.0	1981	88 12 - SPP
147	2.08	0.160	0.25	0.87	51	898	52	11 050	1 475.3	1965	83 12 - SPP
64	2.00	0.210	0.40	0.86	56	850	32	9 146	1 217.5	1982	82 08
64	2.90	0.170	0.40	0.88	49	867	37	9 274	1 206.6	1984	85 01
64	3.70	0.180	0.37	0.86	57	850	37	8 080	1 155.0	1986	89 12 - SUSP 86 10
64	5.80	0.230	0.34	0.88	49	880	36	9 280	1 261.4	1986	88 03
64	3.00	0.210	0.35	0.84	66	860	35	8 843	1 207.5	1986	88 01
64	4.70	0.210	0.24	0.87	51	853	42	8 845	1 276.9	1987	88 06 - ABAND 89 09
64	3.00	0.140	0.35	0.92	30	853	38	9 461	1 264.5	1987	89 10
64	3.70	0.140	0.45	0.80	79	877	56	9 667	1 266.9	1989	89 11
64	4.86	0.035	0.46	0.85	61	849	42	9 310	1 255.9	1970	86 10
259	4.71	0.070	0.26	0.88	58	862	40	8 300	1 271.3	1984	87 09
384	5.72	0.060	0.26	0.85	60	864	39	9 852	1 225.5	1984	85 12
64	6.30	0.045	0.26	0.85	60	882	42	9 152	1 246.3	1985	89 12 - SUSP 86 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WATTS 031-16W4 (CONTINUED)								
BANFF H	3 440.0	0.11		386.0		386.0	301.2	84.8
BANFF I	962.0	0.15		144.0		144.0	64.6	79.4
BANFF J	89.1	0.15		13.4		13.4	4.0	9.4
BANFF L	200.0	0.20		40.0		40.0	21.2	18.8
BANFF M	760.0	0.10		76.0		76.0	23.5	52.5
BANFF N	322.0	0.10		32.2		32.2	8.8	23.4
BANFF O	159.0	0.15		23.9		23.9	17.1	6.8
BANFF P	86.4	0.15		13.0		13.0	0.1	12.9
BANFF Q	168.0	0.15		25.2		25.2	11.6	13.6
BANFF W	233.0	0.15		35.0		35.0	6.9	28.1
BANFF X	492.0	0.03		14.8		14.8	7.3	7.5
BANFF Y	804.0	0.10		80.4		80.4	14.1	66.3
BANFF Z	421.0	0.10		42.1		42.1	13.3	28.8
BANFF AA	255.0	0.05		12.8		12.8	4.1	8.7
WAYNE-ROSEDALE 027-20W4								
VIKING H	73.6	0.10		7.3		7.3	5.3	2.0
VIKING M	106.0	<0.04		4.2		4.2	4.2	
UPPER MANNVILLE E	351.0	0.01		3.5		3.5	1.9	1.6
GLAUCONITIC F	159.0	0.01		1.6		1.6	0.9	0.7
GLAUCONITIC L	130.0	0.10		13.0		13.0	5.4	7.6
GLAUCONITIC M	435.0	0.01		4.4		4.4	2.6	1.8
GLAUCONITIC N	213.0	0.01		2.1		2.1	1.6	0.5
GLAUCONITIC DD	93.7	<0.01		0.4		0.4	0.4	
GLAUCONITIC EE	105.0	0.10		10.5		10.5	0.1	10.4
GLAUCONITIC KK	107.0	0.10		10.7		10.7	1.4	9.3
OSTRACOD D	78.3	0.10		7.8		7.8	4.2	3.6
OSTRACOD J	175.0	0.10		17.5		17.5	5.3	12.2
OSTRACOD M	224.0	0.10		22.4		22.4	11.4	11.0
BASAL QUARTZ B	10 900.0	0.08		872.0		872.0	694.1	177.9
BASAL QUARTZ E	4 504.0	0.03		135.0		135.0	78.7	56.3
BASAL QUARTZ F	105.0	0.10		10.5		10.5	10.1	0.4
BASAL QUARTZ G	77.5	<0.01		0.1		0.1	0.1	
BASAL QUARTZ H	157.0	<0.02		2.5		2.5	2.5	
BASAL QUARTZ O	149.0	0.04		6.0		6.0	5.2	0.8
BASAL QUARTZ U	532.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ AA	498.0	<0.01		0.3		0.3	0.3	
BASAL QUARTZ BB	357.0	<0.01		0.3		0.3	0.3	
BASAL QUARTZ DD	549.0	0.01		5.5		5.5	3.3	2.2
BASAL QUARTZ EE	205.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ FF	156.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ GG	2 120.0	0.12		254.0		254.0	120.4	133.6
BASAL QUARTZ NN	291.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ OO	463.0	0.10		46.3		46.3	17.6	28.7
BASAL QUARTZ PP	441.0	0.02		8.8		8.8	6.6	2.2
BASAL QUARTZ QQ	184.0	0.10		18.4		18.4	5.9	12.5
BASAL QUARTZ RR	150.0	0.10		15.0		15.0	5.8	9.2
BASAL QUARTZ VV	424.0	0.02		8.5		8.5	2.3	6.2
BASAL QUARTZ CCC	510.0	0.10		51.0		51.0	6.2	44.8
BASAL QUARTZ FFF	341.0	0.10		34.1		34.1	0.5	33.6
BASAL QUARTZ GGG	214.0	0.04		8.6		8.6	4.3	4.3
BASAL QUARTZ JJJ	335.0	0.10		33.5		33.5	3.0	30.5
BANFF C	300.0	0.15		45.0		45.0	36.0	9.0
WEMBLEY 073-08W6								
CHARLIE LAKE A	90.1	0.10		9.0		9.0	7.4	1.6
CHARLIE LAKE B	177.0	0.10		17.7		17.7	10.5	7.2
CHARLIE LAKE C	146.0	0.10		14.6		14.6	3.4	11.2
CHARLIE LAKE D	137.0	0.20		27.0		27.0	16.1	10.9
CHARLIE LAKE E	130.0	0.15		19.5		19.5	9.3	10.2
CHARLIE LAKE F	176.0	0.15		26.4		26.4	7.2	19.2
CHARLIE LAKE G	165.0	0.15		24.8		24.8	6.8	18.0
HALFWAY R	49.6	0.01		0.5		0.5	0.5	
HALFWAY U	99.0	0.15		14.9		14.9	4.6	10.3
HALFWAY B	23 000.0	0.20		4 600.0		4 600.0	2 038.7	2 561.3
DOIG E	2 817.0	0.10		282.0		282.0	175.8	106.2
DOIG F	71.0	0.15		10.7		10.7	0.8	9.9
DOIG G	1 200.0	0.03		36.0		36.0	19.8	16.2

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	[illegible]
ha	m	frac	frac	frac	m³/m³	kg m³	°C	kPa	m		
805	7.96	0.080	0.21	0.85	55	860	47	9 225	1 249.2	1986	90 [illegible]
192	14.18	0.054	0.23	0.85	51	885	42	9 501	1 248.9	1986	88 01
64	7.00	0.030	0.22	0.85	66	860	33	8 926	1 257.3	1982	[illegible]
72	6.60	0.080	0.38	0.85	61	849	42	9 581	1 247.8	1981	88 12
423	5.64	0.050	0.25	0.85	61	877	42	9 125	1 281.0	1982	87 11
64	16.00	0.050	0.26	0.85	61	882	42	9 362	1 272.0	1986	86 12
64	7.50	0.060	0.35	0.85	66	883	31	9 158	1 235.8	1986	87 01
64	6.30	0.040	0.37	0.85	66	883	31	9 268	1 240.0	1986	87 01 - SUSP 88 [illegible]
64	11.00	0.040	0.30	0.85	66	883	31	9 608	1 232.5	1986	89 12
64	9.50	0.060	0.25	0.85	63	849	42	8 722	1 252.8	1986	87 10
64	27.00	0.050	0.33	0.85	61	850	30	9 555	1 269.2	1987	89 12
192	14.28	0.050	0.31	0.85	61	849	42	9 056	1 279.8	1987	88 01
128	12.56	0.040	0.23	0.85	61	849	42	9 142	1 267.1	1987	89 12
64	9.60	0.065	0.25	0.85	61	845	42	9 114	1 250.0	1987	89 11
65	0.91	0.220	0.35	0.87	54	811	39	6 571	1 042.4	1973	76 05 - GPP
64	1.22	0.240	0.35	0.87	54	811	32	7 920	1 053.7	1977	88 12 - SUSP 86 08
32	14.00	0.140	0.30	0.80	88	857	40	10 040	1 437.3	1979	83 12 - GPP
65	1.86	0.200	0.20	0.82	80	829	43	9 690	1 351.0	1961	82 12 - GPP
64	3.10	0.140	0.46	0.87	53	876	46	9 970	1 338.5	1973	79 01 - GPP
64	5.50	0.230	0.39	0.88	47	892	46	9 570	1 339.0	1978	80 12 - GPP
32	6.10	0.180	0.25	0.81	64	856	52	9 437	1 224.8	1958	83 12 - GPP
64	2.20	0.150	0.49	0.87	50	869	45	8 509	1 329.5	1981	88 12 - SUSP 86 08
64	1.90	0.170	0.39	0.83	66	860	43	8 974	1 218.7	1984	85 12
64	1.40	0.190	0.23	0.82	56	857	45	9 419	1 377.4	1989	89 08
64	1.50	0.170	0.40	0.80	98	869	39	8 953	1 446.3	1980	81 07 - GPP
128	1.07	0.210	0.24	0.80	62	870	43	8 932	1 414.5	1979	86 12 - GPP
128	1.89	0.190	0.39	0.80	82	870	40	8 961	1 392.9	1987	89 05
1 463	11.83	0.160	0.52	0.82	71	870	44	10 340	1 369.2	1954	86 01 - GPP
830	7.56	0.150	0.45	0.87	48	878	47	10 270	1 354.6	1959	90 02 - GPP
110	1.00	0.170	0.30	0.80	74	870	48	10 340	1 371.9	1957	86 12 - GPP
16	10.70	0.123	0.55	0.81	71	870	43	9 790	1 374.3	1962	63 02 - ABAND 63 08
16	9.14	0.180	0.27	0.81	74	870	48	10 070	1 440.8	1961	71 05 - ABAND 83 02
65	2.44	0.226	0.49	0.82	53	860	38	10 051	1 445.4	1959	78 10 - GPP
65	6.71	0.220	0.32	0.82	74	865	49	9 900	1 364.6	1971	73 02 - ABAND 72 06
64	7.50	0.190	0.35	0.84	68	857	38	9 290	1 414.8	1979	85 12 - ABAND 81 08
64	8.20	0.160	0.50	0.85	68	857	40	9 700	1 455.9	1979	82 12 - ABAND 81 05
64	11.00	0.150	0.35	0.80	67	857	41	8 586	1 360.9	1979	83 12 - GPP
64	4.39	0.140	0.35	0.80	88	857	41	10 515	1 494.0	1979	83 12 - SUSP 81 09
64	3.90	0.120	0.35	0.80	88	857	44	10 091	1 443.3	1979	80 08 - SUSP 83 12
712	4.90	0.146	0.48	0.80	63	862	38	9 649	1 359.7	1976	83 06
64	6.00	0.170	0.45	0.81	58	883	39	9 636	1 390.3	1981	82 11 - SUSP 84 02
128	9.30	0.120	0.60	0.81	72	863	38	9 620	1 203.2	1981	85 12
64	12.00	0.140	0.50	0.82	70	872	47	9 834	1 238.5	1981	86 12
64	5.00	0.140	0.50	0.82	70	882	47	9 804	1 254.2	1980	83 01
64	5.30	0.120	0.55	0.82	74	819	39	8 723	1 229.2	1982	83 01
64	9.40	0.160	0.45	0.80	60	876	52	9 554	1 336.3	1980	85 12
340	2.82	0.130	0.53	0.87	53	885	40	8 763	1 233.9	1984	87 11
64	9.00	0.140	0.52	0.88	48	878	47	9 233	1 315.5	1986	86 11 - SUSP 89 02
64	4.30	0.180	0.48	0.83	70	857	30	8 500	1 257.0	1977	87 01 - GPP
64	6.00	0.160	0.38	0.88	48	878	46		1 376.6	1989	90 02
193	2.80	0.140	0.51	0.81	59	877	36	9 856	1 385.6	1980	86 12 - GPP
64	2.00	0.110	0.20	0.80	75	832	59	19 660	2 077.4	1981	86 12
64	3.00	0.139	0.15	0.78	183	832	83	19 546	2 064.3	1980	81 05
64	2.80	0.120	0.13	0.78	91	845	72	19 521	2 189.2	1982	86 02
128	2.07	0.090	0.18	0.70	135	840	66	24 435	2 033.5	1979	89 04
80	1.50	0.150	0.10	0.80	135	840	69	24 614	2 062.5	1986	87 12
64	2.40	0.180	0.15	0.75	120	823	76	19 235	2 080.4	1985	86 09
128	2.29	0.100	0.16	0.67	140	833	72	24 614	2 051.3	1986	89 12
64	2.55	0.090	0.48	0.65	183	807	83	21 172	2 225.5	1984	85 07 - SUSP 85 09
64	3.80	0.082	0.32	0.73	123	830	76	20 966	2 049.9	1985	85 12
7 205	6.60	0.102	0.27	0.65	183	802	83	21 443	2 128.3	1978	87 10
592	13.71	0.070	0.26	0.67	162	802	76	21 795	2 162.4	1980	89 12 - GPP
64	2.90	0.070	0.19	0.67	140	838	73	21 141	2 143.6	1984	84 12
192	18.14	0.075	0.28	0.64	171	809	81	23 258	2 322.1	1982	87 12 - SUSP 89 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WERNER 034-12W4								
GLAUCONITIC A	247.0	0.03		7.4		7.4	1.5	5.9
WEST COVE 055-06W5								
NORDEGG-BANFF A	895.0	<0.01		2.1		2.1	2.1	
NORDEGG-BANFF B	144.0	<0.01		0.1		0.1	0.1	
WEST DRUMHELLER 030-20W4								
D-2 A	7 170.0	0.65		4 660.0		4 660.0	4 555.7	104.3
D-2 B	30.4	<0.01		0.1		0.1	0.1	
IRETON A	326.0	0.15		48.9		48.9	47.0	1.9
D-3 A	1 250.0	0.65		813.0		813.0	788.7	24.3
WESTEROSE 046-28W4								
BELLY RIVER A	451.0	0.05		22.6		22.6	1.5	21.1
D-3	31 000.0	0.75		23 250.0		23 250.0	21 709.6	1 540.4
WESTEROSE SOUTH 043-02W5								
VIKING A	148.0	0.15		22.2		22.2	8.1	14.1
OSTRACOD A	17.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ A	256.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ D	359.0	0.02		7.2		7.2	2.1	5.1
BASAL QUARTZ E	125.0	0.05		6.3		6.3	3.9	2.4
BASAL QUARTZ G	25.4	0.10		2.5		2.5	0.9	1.6
BANFF A	144.0	<0.01		0.3		0.3	0.3	
WESTLOCK 059-25W4								
VIKING R	841.0	0.02		17.0		17.0	2.7	14.3
WESTPEM 049-13W5								
SECOND WHITE SPECKS A	39.0	0.10		3.9		3.9	1.7	2.2
OSTRACOD A	249.0	0.10		24.9		24.9	8.6	16.3
OSTRACOD B	78.0	0.10		7.8		7.8	4.0	3.8
OSTRACOD C	39.2	<0.01		0.2		0.2	0.2	
OSTRACOD D	69.7	0.10		7.0		7.0	4.3	2.7
OSTRACOD E	31.1	0.20		6.2		6.2	3.3	2.9
OSTRACOD F	174.0	0.20		34.8		34.8	9.6	25.2
NISKU A SOLVENT FLOOD	2 650.0	0.40	0.35	1 060.0	1 140.0	2 200.0	1 757.6	442.4
NISKU C SOLVENT FLOOD	4 000.0	0.40	0.40	1 600.0	1 600.0	3 200.0	2 396.1	803.9
NISKU D SOLVENT FLOOD	2 200.0	0.40	0.30	880.0	924.0	1 804.0	1 439.9	364.1
WHITECOURT 060-11W5								
VIKING A	32.3	<0.02		0.5		0.5	0.5	
JURASSIC K	89.8	0.15		13.5		13.5	9.1	4.4
JURASSIC L	624.0	0.05		31.2		31.2	0.1	31.1
PEKISKO F	62.8	0.05		3.1		3.1	0.2	2.9
WHITEMUD 051-25W4								
BLAIRMORE	238.0	<0.18		42.2		42.2	42.2	
ELLERSLIE A	215.0	0.10		21.5		21.5	0.4	21.1
WILDWOOD 054-09W5								
BASAL QUARTZ A	204.0	0.02		4.1		4.1	2.2	1.9
PEKISKO A	499.0	<0.02		8.5		8.5	8.5	
WILLESDEN GREEN 042-07W5								
BELLY RIVER A WATER FLOOD	1 220.0	0.06	0.06	73.2	73.2	146.0	109.1	36.9
BELLY RIVER B	2 179.0	0.02		43.6		43.6	37.7	5.9
BELLY RIVER C	42.5	0.15		6.4		6.4	3.9	2.5
BELLY RIVER H	331.0	0.12		39.7		39.7	28.0	11.7
BELLY RIVER J	200.0	0.10		20.0		20.0	16.4	3.6
BELLY RIVER L	307.0	0.03		9.2		9.2	8.9	0.3
BELLY RIVER M	351.0	<0.01		0.1		0.1	0.1	
BELLY RIVER N	628.0	0.03		18.8		18.8	0.9	17.9
BELLY RIVER O	325.0	0.03		9.8		9.8	4.4	5.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 [illegible]	20 [illegible]
64	3.50	0.200	0.40	0.92	31	867	34	10 985	[illegible]	1981	84 12
64	16.17	0.156	0.37	0.88	50	904	45	11 321	1 468.9	1980	85 04 - ABAND 89 03
32	6.70	0.120	0.39	0.92	27	919	43	8 855	1 150.[illegible]	1984	85 06 - ABAND 87 03
1 730	14.00	0.050	0.20	0.74	120	815	56	13 790	1 671.3	1952	83 12 - GPP
64	2.00	0.045	0.40	0.88	120	833	44	13 280	1 700.0	1985	86 11 SUSP 85 08
445	3.05	0.040	0.25	0.80	78	811	64	13 806	1 712.4	1954	90 04 - GPP
272	7.50	0.087	0.13	0.81	69	839	57	14 070	1 723.3	1954	85 12 - GPP - [illegible]
64	9.30	0.189	0.55	0.89	52	845	33	6 458	932.0	1986	86 08
652	72.20	0.105	0.07	0.67	166	820	82	17 930	2 204.6	1952	90 12 - GPP
128	2.57	0.087	0.37	0.82	80	827	51	15 329	1 747.3	1986	90 07 - GPP
64	0.80	0.065	0.36	0.80	74	870	72	16 389	1 868.3	1980	89 12 - SUSP 81 08
64	5.50	0.130	0.30	0.80	86	882	60	12 635	1 889.3	1980	83 12 - ABAND 81 06
64	5.00	0.165	0.15	0.80	85	851	59	16 249	1 852.0	1984	89 12 - GPP
64	3.30	0.095	0.17	0.75	120	854	60	18 025	1 992.6	1985	89 10 - GPP
64	1.00	0.090	0.32	0.65	174	812	80	17 569	1 904.7	1988	88 03 - SUSP 89 01
64	2.80	0.130	0.24	0.80	90	910	49	12 886	1 771.6	1980	84 12 - SUSP 82 12
740	1.80	0.150	0.56	0.95	42	837	29	4 320	776.3	1976	90 12 - GPP
64	2.00	0.050	0.15	0.71	120	820	63	14 406	2 104.0	1988	88 12
64	4.00	0.150	0.10	0.72	125	811	88	17 037	2 462.0	1981	82 11
64	2.40	0.083	0.15	0.72	110	778	80	32 200	2 432.7	1983	84 09
64	1.70	0.085	0.20	0.53	165	805	97	20 050	2 738.7	1985	87 12 - SUSP 86 02
64	1.58	0.114	0.16	0.72	110	786	95	27 286	2 393.9	1986	86 09
64	1.00	0.090	0.25	0.72	185	854	96	22 597	2 389.5	1988	90 12
128	3.00	0.085	0.30	0.76	260	812	96	38 290	2 755.8	1988	89 12
61	79.62	0.100	0.12	0.62	208	815	100	38 230	2 929.4	1977	88 08
60	90.35	0.110	0.14	0.78	130	824	104	31 915	3 033.0	1979	85 02
77	49.50	0.117	0.07	0.53	328	798	104	40 962	3 139.3	1979	88 08
65	0.61	0.170	0.40	0.80	82	844	66	8 290	1 252.4	1968	71 05 - ABAND 70 05
64	3.00	0.110	0.50	0.85	52	864	68	11 050	1 719.8	1976	88 12
64	9.55	0.185	0.38	0.89	88	887	70	16 291	1 826.6	1987	88 09
16	4.00	0.180	0.38	0.88	47	951	62	12 668	1 532.5	1987	88 05
81	3.47	0.150	0.30	0.81	77	839	53	9 030	1 244.2	1949	74 12 - ABAND 70 09
64	3.20	0.190	0.30	0.79	97	840	54	9 612	1 264.5	1987	88 06 - SUSP 88 10
64	4.20	0.130	0.20	0.73	128	839	65	16 374	1 767.5	1980	86 12
128	5.21	0.120	0.22	0.80	75	852	58	12 955	1 732.6	1982	89 12 - SUSP 87 06
324	4.24	0.140	0.28	0.88	62	815	53	9 070	1 538.3	1961	85 12 - GPP
512	4.86	0.137	0.23	0.83	62	815	54	9 140	1 568.8	1956	89 12 - GPP
30	1.22	0.200	0.30	0.83	60	815	53	8 960	1 531.0	1961	90 07
64	6.85	0.130	0.30	0.83	62	820	47	9 220	1 597.2	1968	88 12
245	0.91	0.154	0.30	0.83	59	815	52	9 530	1 525.8	1955	88 12
65	5.18	0.153	0.28	0.83	67	815	53	8 960	1 486.5	1962	80 12 - GPP
64	6.30	0.150	0.30	0.83	58	815	52	7 511	1 390.0	1978	82 12 - SUSP 80 01
128	7.70	0.137	0.44	0.83	65	825	56	8 144	1 413.6	1981	89 11 - GPP
64	5.90	0.140	0.26	0.83	66	831	42	8 636	1 461.2	1982	86 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WILLESDEN GREEN 042-07W5 (CONTINUED)								
BELLY RIVER Q	359.0	<0.01		0.6		0.6	0.6	
BELLY RIVER R	454.0	0.03		13.6		13.6	2.7	10.9
BELLY RIVER S	314.0	<0.01		0.1		0.1	0.1	
BELLY RIVER T	165.0	0.02		3.3		3.3	1.9	1.4
BELLY RIVER V	609.0	0.10		60.9		60.9	15.8	45.1
BELLY RIVER Y	171.0	0.10		17.1		17.1	0.4	16.7
BELLY RIVER Z	124.0	<0.01		0.4		0.4	0.4	
BELLY RIVER BB	185.0	0.03		5.6		5.6	1.7	3.9
BELLY RIVER DD	70.1	0.10		7.0		7.0	0.5	6.5
BELLY RIVER EE	388.0	0.07		27.2		27.2	12.8	14.4
BELLY RIVER HH	148.0	<0.01		0.3		0.3	0.3	
BELLY RIVER II	426.0	0.05		21.3		21.3	7.7	13.6
BELLY RIVER JJ	115.0	0.05		5.8		5.8	2.8	3.0
BELLY RIVER MM	217.0	0.10		21.7		21.7	6.0	15.7
BELLY RIVER NN	178.0	0.10		17.8		17.8	0.9	16.9
BELLY RIVER OO	457.0	0.10		45.7		45.7	8.0	37.7
BELLY RIVER PP	229.0	0.05		11.5		11.5	0.3	11.2
BELLY RIVER QQ	98.0	0.05		4.9		4.9	2.5	2.4
BELLY RIVER RR	607.0	0.10		60.7		60.7	11.6	49.1
BELLY RIVER SS	160.0	0.05		8.0		8.0	0.1	7.9
BELLY RIVER TT	209.0	0.10		20.9		20.9	0.8	20.1
BELLY RIVER UU	147.0	0.10		14.7		14.7	2.2	12.5
BELLY RIVER VV	160.0	0.10		16.0		16.0	0.2	15.8
BELLY RIVER WW	405.0	0.05		20.2		20.2	0.5	19.7
BELLY RIVER W & X	442.0	0.05		22.1		22.1	3.4	18.7
BELLY RIVER FF & XX	114.0	0.10		11.4		11.4	0.6	10.8
CARDIUM A TOTAL	123 300.0			10 530.0	15 200.0	25 730.0	17 931.1	7 798.9
PRIMARY AREA	19 180.0	0.09		1 726.0		1 726.0		
SOLVENT FLOOD AREA	35 600.0	0.07	0.07	2 480.0	2 480.0	5 000.0		
WATER FLOOD AREA	68 500.0	0.09	0.18	6 320.0	12 700.0	19 000.0		
CARDIUM D	122.0	0.07		8.6		8.6	0.1	8.5
CARDIUM E	409.0	0.10		40.9		40.9	33.7	7.2
CARDIUM G	88.2	0.05		4.4		4.4	1.7	2.7
CARDIUM H	170.0	0.08		13.6		13.6	13.1	0.5
CARDIUM I	190.0	0.10		19.0		19.0	5.7	13.3
CARDIUM J	243.0	0.02		4.9		4.9	2.4	2.5
CARDIUM K	86.9	<0.02		1.3		1.3	1.3	
CARDIUM L	76.6	<0.01		0.1		0.1	0.1	
SECOND WHITE SPECKS A	54.7	0.20		10.9		10.9	7.0	3.9
SECOND WHITE SPECKS B	730.0	0.02		14.6		14.6	8.1	6.5
SECOND WHITE SPECKS C	108.0	0.15		16.2		16.2	10.5	5.7
SECOND WHITE SPECKS D	729.0	0.04		29.0		29.0	25.3	3.7
SECOND WHITE SPECKS E	2 419.0	0.10		242.0		242.0	41.4	200.6
SECOND WHITE SPECKS F	73.2	0.10		7.3		7.3	0.3	7.0
SECOND WHITE SPECKS G	1 700.0	<0.01		1.2		1.2	1.2	
SECOND WHITE SPECKS H	439.0	0.10		43.9		43.9	5.1	38.8
SECOND WHITE SPECKS I	356.0	0.10		35.6		35.6		35.6
SECOND WHITE SPECKS J	132.0	0.10		13.2		13.2		13.2
SECOND WHITE SPECKS K	2 183.0	0.05		109.0		109.0	9.0	100.0
SECOND WHITE SPECKS L	2 769.0	0.05		138.0		138.0	10.7	127.3
VIKING A	7 100.0	0.11		780.0		780.0	593.5	186.5
VIKING B	490.0	0.25		123.0		123.0	106.3	16.7
VIKING G	190.0	0.15		28.5		28.5	14.9	13.6
VIKING H	1 650.0	0.10		165.0		165.0	68.2	96.8
VIKING L	28.7	<0.09		2.4		2.4	2.4	
VIKING M	50.7	<0.02		0.6		0.6	0.6	
VIKING Q	19.3	<0.03		0.5		0.5	0.5	
VIKING R	83.9	0.10		8.4		8.4	3.6	4.8
VIKING S	45.7	<0.02		0.8		0.8	0.8	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST PRODUCED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
64	5.30	0.150	0.15	0.83	65	773	35	8 653	1 532.1	1982	85 12 - ABAND 82 12
128	5.98	0.130	0.45	0.83	61	835	35	8 214	1 402.1	1982	89 01 - GPP
64	6.50	0.130	0.30	0.83	61	835	35	9 396	1 619.8	1979	84 03 - SUSP 88 02
64	3.70	0.120	0.30	0.83	61	835	35	10 233	1 578.7	1983	86 12 - GPP
128	6.30	0.130	0.30	0.83	61	834	35	9 360	1 561.2	1979	84 08
64	4.60	0.140	0.50	0.83	61	835	55	14 471	1 371.0	1962	84 09 - SUSP 89 04
64	2.00	0.180	0.35	0.83	70	844	40	7 157	1 509.0	1983	88 12 - SUSP 86 07
64	4.59	0.152	0.50	0.83	70	835	51	9 800	1 460.8	1984	87 12 - GPP
64	2.00	0.120	0.45	0.83	65	825	55	9 973	1 527.5	1985	86 07
128	4.21	0.124	0.30	0.83	63	823	52	8 271	1 609.5	1982	90 04
64	5.00	0.110	0.40	0.70	130	782	54	10 870	1 530.1	1987	87 08 - SUSP 87 08
128	9.18	0.118	0.63	0.83	65	835	51	9 789	1 555.4	1987	88 01
64	3.60	0.120	0.50	0.83	65	835	51	8 339	1 543.6	1987	88 01
128	2.41	0.128	0.33	0.82	63	816	51	7 482	1 360.9	1987	89 05
64	3.92	0.133	0.24	0.70	130	781	54	7 867	1 530.5	1987	88 08
205	2.53	0.161	0.32	0.82	63	810	49	7 444	1 425.7	1987	89 10
64	4.60	0.150	0.26	0.70	130	782	54		1 482.4	1987	88 11 - SUSP 88 08
64	2.60	0.125	0.33	0.70	130	782	54		1 500.0	1987	88 11
128	6.31	0.147	0.27	0.70	130	781	54	9 470	1 508.0	1988	88 12
64	3.90	0.110	0.30	0.83	65	848	52	7 998	1 580.7	1976	88 12 - SUSP 88 11
64	4.00	0.155	0.38	0.85	54	831	53	7 617	1 370.8	1988	89 03
64	3.80	0.150	0.47	0.76	103	824	54	8 658	1 431.0	1973	89 05
64	2.40	0.180	0.32	0.85	54	782	53		1 432.7	1989	89 11
64	10.50	0.140	0.50	0.86	121	876	54		1 566.8	1983	90 04
111	7.29	0.120	0.35	0.70	61	835	55	9 641	1 505.6	1964	87 05 - GPP
64	2.45	0.135	0.35	0.83	130	815	54	8 469	1 540.9	1986	87 05
54 807					176	820	60	21 200	1 897.4	1954	87 12 - GPP
11 580	2.53	0.114	0.13	0.66							
10 313	4.83	0.111	0.13	0.74							
32 914	2.29	0.153	0.10	0.66							
65	4.27	0.080	0.15	0.65	177	825	60	20 240	1 824.4	1976	78 09
192	4.26	0.100	0.23	0.65	176	830	55	20 340	1 914.1	1978	85 12
64	2.90	0.100	0.34	0.72	49	844	60	20 680	1 900.5	1965	84 12 - GPP
64	2.78	0.150	0.15	0.75	110	834	60	20 796	1 914.6	1975	78 12
64	3.00	0.150	0.13	0.76	100	832	60	19 651	1 985.3	1979	79 12
64	4.40	0.130	0.15	0.78	97	830	68	20 174	1 911.5	1983	86 12
64	2.00	0.100	0.13	0.78	97	830	68	19 825	2 012.0	1979	88 12 - SUSP 86 02
64	1.80	0.140	0.34	0.72	110	830	71	21 546	2 056.0	1980	87 09 - ABAND 89 03
100	1.22	0.080	0.20	0.70	149	801	71	21 520	2 051.0	1975	87 12 - GPP
64	10.80	0.220	0.25	0.64	187	818	40	22 893	2 082.0	1979	82 10 - GPP
64	3.00	0.100	0.20	0.70	149	810	74	18 867	2 133.5	1980	89 12 - GPP
128	14.10	0.090	0.30	0.64	186	833	69	24 183	2 113.8	1979	89 12
192	14.58	0.180	0.25	0.64	180	815	62	23 566	2 174.1	1985	88 05
64	2.50	0.110	0.35	0.64	187	833	69	24 077	2 120.8	1982	86 01
64	35.20	0.150	0.30	0.72	125	820	72	23 088	2 201.0	1981	82 03 - SUSP 86 06
64	17.00	0.090	0.30	0.64	187	833	69	24 060	2 121.0	1985	88 07
64	13.80	0.090	0.30	0.64	187	833	69	23 472	2 126.0	1985	88 07
64	5.10	0.090	0.30	0.64	187	833	69	23 096	2 080.4	1985	88 07
128	15.40	0.230	0.25	0.64	187	833	70	20 048	2 056.7	1985	89 10
341	14.10	0.120	0.25	0.64	187	834	69	22 343	2 076.6	1989	90 12
7 900	2.41	0.082	0.30	0.65	154	834	74	25 168	2 182.8	1956	86 01 - GPP
750	1.65	0.090	0.30	0.63	177	815	79	22 702	2 103.0	1955	88 07 - GPP
90	4.20	0.100	0.25	0.67	166	840	81	26 409	2 226.6	1980	85 12
384	4.90	0.160	0.13	0.63	180	800	86	22 796	2 294.1	1983	86 05
64	1.10	0.100	0.40	0.68	170	842	57	23 486	2 126.2	1983	89 12 - SUSP 87 02
64	1.30	0.130	0.31	0.68	210	823	70	22 679	2 277.9	1983	84 10 - ABAND 86 02
64	1.00	0.090	0.50	0.67	166	832	81	23 994	2 204.5	1984	84 10 - ABAND 86 08
128	1.80	0.080	0.32	0.67	166	832	81	26 153	2 200.6	1981	90 06
64	2.50	0.070	0.40	0.68	210	820	30	24 083	2 292.8	1984	84 12 - SUSP 85 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
WILLESDEN GREEN 042-07W5 (CONTINUED)								
VIKING T	89.8	0.15		13.5		13.5	3.5	10.0
VIKING V	12.3	0.15		1.8		1.8	1.7	0.1
VIKING W	90.1	0.20		18.0		18.0	8.7	9.3
VIKING Y	39.8	0.15		6.0		6.0	0.5	5.5
VIKING Z	440.0	0.04		20.0		20.0	18.0	2.0
VIKING AA	24.4	0.15		3.7		3.7	3.4	0.3
VIKING BB	37.9	0.15		5.7		5.7	3.0	2.7
VIKING CC	33.8	0.20		6.8		6.8	6.3	0.5
VIKING DD	59.4	0.15		8.9		8.9	1.1	7.8
VIKING EE	45.9	0.20		9.2		9.2	3.3	5.9
GLAUCONITIC E	81.3	0.15		12.2		12.2	1.7	10.5
GLAUCONITIC A & ELLERSLIE D TOTAL	1 629.0			235.0	70.5	305.0	254.8	50.2
PRIMARY AREA	219.0	0.10		21.9		21.9		
WATER FLOOD AREA	1 410.0	0.15	0.05	213.0	70.5	283.0		
OSTRACOD A	151.0	0.10		15.1		15.1		15.1
ELLERSLIE B	134.0	0.10		13.4		13.4	4.9	8.5
ELLERSLIE E	92.2	0.10		9.2		9.2	5.8	3.4
ELLERSLIE F	206.0	<0.01		0.4		0.4	0.4	
ROCK CREEK B	54.0	<0.01		0.2		0.2	0.2	
ROCK CREEK C	135.0	0.10		13.5		13.5	1.3	12.2
ROCK CREEK D	118.0	<0.01		0.1		0.1		0.1
ROCK CREEK E	56.9	0.10		5.7		5.7	2.1	3.6
ROCK CREEK F	125.0	0.15		18.8		18.8	12.6	6.2
NORDEGG A	95.3	0.05		4.8		4.8	0.6	4.2
WILLINGDON 055-17W4								
VIKING H	87.0	<0.01		0.2		0.2	0.2	
WILLOW 028-17W4								
VIKING B	50.0	<0.01		0.3		0.3	0.3	
WILSON CREEK 043-04W5								
BELLY RIVER A	14 460.0	0.07		1 012.0		1 012.0	198.2	813.8
BELLY RIVER D	1 811.0	0.15		272.0		272.0	104.8	167.2
BELLY RIVER F	128.0	0.10		12.8		12.8	0.2	12.6
BELLY RIVER H	285.0	0.05		14.3		14.3	2.8	11.5
BELLY RIVER I	449.0	0.10		44.9		44.9	7.9	37.0
BELLY RIVER J	237.0	0.05		11.8		11.8	1.1	10.7
CARDIUM A	117.0	<0.01		0.6		0.6	0.6	
CARDIUM B	354.0	0.05		17.7		17.7	8.5	9.2
CARDIUM C	111.0	<0.02		1.4		1.4	1.4	
SECOND WHITE SPECKS A	79.5	0.10		8.0		8.0	0.5	7.5
VIKING A	164.0	0.20		32.8		32.8	12.9	19.9
OSTRACOD A	99.6	0.10		10.0		10.0	0.8	9.2
BANFF B	224.0	<0.02		4.3		4.3	4.3	
WIMBORNE 034-26W4								
GLAUCONITIC B	454.0	0.10		45.4		45.4	13.4	32.0
D-2 A	682.0	0.13		88.7		88.7	76.9	11.8
D-2 B	329.0	0.06		19.7		19.7	15.6	4.1
D-3 A	13 000.0	0.30		3 900.0		3 900.0	3 338.0	562.0
WINDFALL 060-15W5								
BLUESKY A	297.0	0.10		29.7		29.7	14.6	15.1
GETHING D	96.8	0.10		9.7		9.7	1.9	7.8
RUNDLE A	2 000.0	0.25		500.0		500.0	353.7	146.3
D-2 A	183.0	0.05		9.2		9.2	1.9	7.3
D-3 A	13 400.0	0.22		2 950.0		2 950.0	2 352.3	597.7
D-3 B TOTAL	1 310.0			131.0	32.4	163.0	133.6	29.4
PRIMARY AREA	500.0	0.10		50.0		50.0		
GAS FLOOD AREA	810.0	0.10	0.04	81.0	32.4	113.0		
D-3 C	795.0	0.10		79.5		79.5	30.9	48.6
D-3 F	381.0	0.20		76.2		76.2	9.6	66.6
D-3 G	628.0	0.20		126.0		126.0	7.1	118.9
WINTERING HILLS 025-17W4								
VIKING A	1 400.0	0.42		588.0		588.0	479.2	108.8
VIKING P	448.0	0.03		13.4		13.4	8.4	5.0

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m^3/m^3	15 DENSITY kg/m^3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVISED AND REMARKS
64	5.04	0.063	0.35	0.68	155	824	65	21 424	2 209.3	1983	85 03
64	0.85	0.060	0.40	0.63	[illegible]	818	85	18 818	2 239.6	1983	85 05 - [illegible]
64	4.00	0.080	0.45	0.80	160	836	61	26 097	2 174.8	1984	90 09
64	1.77	0.076	0.30	0.66	170	818	80	24 044	2 287.3	1982	85 08 - SUSP 88 10
512	2.08	0.088	0.29	0.66	150	796	79	22 369	2 271.0	1982	87 11 - GPP
64	1.00	0.080	0.30	0.68	180	825	70	24 939	2 402.0	1983	87 12
128	1.00	0.064	0.32	0.68	154	833	38	17 445	2 100.5	1984	88 12
100	0.90	0.080	0.30	0.67	180	830	60	21 919	2 188.0	1985	88 08 - [illegible]
64	2.00	0.105	0.35	0.68	154	834	74	19 571	2 109.8	1980	88 09
64	1.70	0.090	0.30	0.67	166	832	81		2 207.2	1989	90 01
64	2.00	0.110	0.23	0.75	95	870	104	23 010	2 356.0	1984	90 02 - SUSP 88 07
891					106	876	75	25 890	2 286.9	1963	89 10 - GPP
124	3.58	0.102	0.30	0.69							
767	3.20	0.119	0.30	0.69							
64	3.20	0.130	0.13	0.69	145	838	72		2 402.3	1989	90 12
64	5.20	0.100	0.32	0.59	180	831	86	21 144	2 404.2	1983	84 09 - GPP
64	2.00	0.120	0.20	0.75	105	850	59	21 917	2 386.0	1985	85 09 - SUSP 89 11
64	3.00	0.170	0.11	0.71	125	836	88	23 120	2 484.2	1985	85 09 - SUSP 86 04
64	3.15	0.054	0.38	0.80	83	896	70	14 313	2 366.4	1982	88 12 - ABAND 84 12
64	5.00	0.090	0.30	0.67	145	835	86	21 196	2 508.6	1983	84 09 - SUSP 87 12
64	3.00	0.093	0.15	0.78	79	891	70	18 741	2 487.0	1982	83 10 - ABAND 87 12
64	2.18	0.087	0.30	0.67	142	812	90	21 200	2 412.2	1984	85 06
80	4.20	0.087	0.21	0.54	160	812	89	22 309	2 483.5	1983	87 12
64	3.90	0.095	0.40	0.67	290	830	96	21 676	2 512.6	1987	89 04
64	1.10	0.240	0.44	0.92	30	878	28	5 016	648.5	1985	86 03 - ABAND 86 10
64	1.00	0.150	0.40	0.87	50	811	39	5 400	1 109.8	1982	83 05 - ABAND 89 07
4 040	5.31	0.140	0.42	0.83	62	833	68	6 942	1 287.4	1979	89 09
503	4.72	0.150	0.38	0.82	82	815	42	7 620	1 309.6	1966	89 10
64	2.50	0.150	0.35	0.82	65	800	74	7 534	1 344.3	1987	88 12
64	6.40	0.140	0.30	0.71	67	807	51	7 531	1 281.2	1988	89 09
64	8.48	0.140	0.28	0.82	75	830	48	7 571	1 357.4	1988	89 09
64	5.50	0.140	0.42	0.83	70	827	35		1 288.6	1972	89 10 - GPP
64	3.50	0.090	0.30	0.83	65	805	58	9 115	1 615.7	1982	83 06 - ABAND 87 11
128	2.93	0.150	0.10	0.70	133	829	59	14 970	1 625.3	1971	79 07 - GPP
64	2.78	0.097	0.20	0.80	65	805	58	9 766	1 606.7	1983	88 12 - ABAND 87 05
64	4.00	0.090	0.50	0.69	130	834	66		1 768.9	1987	88 09 - SUSP 90 04
400	0.70	0.130	0.40	0.75	98	837	72	15 051	1 921.6	1987	90 04
64	1.70	0.150	0.14	0.71	122	841	64	22 703	2 199.7	1987	88 03
64	4.57	0.111	0.20	0.86	53	876	66	19 370	2 254.0	1974	83 12 - SUSP 80 12
64	6.16	0.200	0.28	0.80	220	766	76	14 755	1 771.0	1977	87 05
268	18.99	0.029	0.30	0.66	160	834	78	19 890	2 253.1	1961	77 12 - GPP
194	7.92	0.042	0.24	0.67	210	829	74	20 340	2 224.7	1956	81 12
6 897	4.50	0.070	0.12	0.68	206	820	79	21 170	2 282.0	1954	90 12 - GPP
64	6.78	0.120	0.25	0.76	102	849	63	20 162	2 032.2	1976	76 12
64	3.00	0.120	0.40	0.70	156	824	82	15 315	2 098.7	1979	81 11
864	3.35	0.120	0.20	0.72	118	834	82	17 410	2 083.6	1957	85 12 - GPP
64	7.90	0.090	0.24	0.53	327	811	121	23 250	2 534.9	1978	89 04
5 859	8.84	0.060	0.12	0.49	336	811	104	25 950	2 627.3	1955	83 12 - GPP
424					243	825	103	25 230	2 619.1	1972	82 12 - GPP
168	12.50	0.050	0.12	0.54							
256	13.28	0.050	0.12	0.54							
219	12.00	0.063	0.20	0.60	220	811	103	25 550	2 746.6	1972	82 09
64	11.50	0.100	0.11	0.58	108	779	104	24 282	2 851.7	1987	90 05
64	25.06	0.075	0.10	0.58	283	809	107	24 497	2 908.0	1987	88 07 - SUSP 90 02
309	4.02	0.231	0.44	0.87	56	825	27	7 860	887.6	1958	64 12
64	6.10	0.220	0.40	0.87	57	825	29	7 330	869.3	1978	85 12 - SUSP 89 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WINTERING HILLS 025-17W4 (CONTINUED)								
VIKING Q	41.3	<0.01		0.1		0.1	0.1	
VIKING S	175.0	<0.01		0.8		0.8	0.8	
U MANN I,GLAUC III & LOWER MANNVILLE W	1 885.0	0.02		37.7		37.7	26.8	10.9
LOWER MANNVILLE A	2 210.0	0.03		66.3		66.3	51.5	14.8
LOWER MANNVILLE L	148.0	0.05		7.4		7.4	1.2	6.2
LOWER MANNVILLE Q	210.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE R	518.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE T	660.0	0.05		33.0		33.0	27.0	6.0
LOWER MANNVILLE V	607.0	0.01		6.1		6.1	1.5	4.6
ELLERSLIE A	458.0	<0.01		1.4		1.4	0.8	0.6
WIZARD LAKE 048-27W4								
BASAL QUARTZ A	80.2	<0.01		0.5		0.5	0.5	
BASAL QUARTZ B	87.6	<0.01		0.3		0.3	0.3	
D-2 A	613.0	<0.17		103.5		103.5	103.5	
D-3 A SOLVENT FLOOD	67 000.0	<0.66	0.21	44 200.0	13 600.0	57 800.0	52 081.8	5 718.2
D-3 B	160.0	<0.07		10.8		10.8	10.8	
WOKING 075-04W6								
CHARLIE LAKE A	253.0	0.15		38.0		38.0	7.5	30.5
HALFWAY A	255.0	0.10		25.5		25.5	6.5	19.0
HALFWAY B	214.0	0.10		21.4		21.4	10.2	11.2
WOOD RIVER 043-23W4								
LOWER MANNVILLE A	366.0	0.15		54.9		54.9	40.6	14.3
LOWER MANNVILLE F	33.4	<0.01		0.1		0.1	0.1	
D-2 A	1 250.0	0.15		190.0		190.0	152.5	37.5
D-2 B	673.0	0.25		168.0		168.0	98.9	69.1
D-2 C WATER FLOOD	1 150.0	0.35	0.15	403.0	172.0	575.0	456.0	119.0
D-2 D	630.0	0.10		63.0		63.0	48.2	14.8
D-2 E	1 000.0	0.25		250.0		250.0	112.7	137.3
D-3 A	294.0	<0.10		28.6		28.6	28.6	
D-3 B	290.0	0.30		87.0		87.0	34.9	52.1
WORSLEY 087-07W6								
CHARLIE LAKE A	826.0	0.35		289.0		289.0	173.9	115.1
CHARLIE LAKE B	7 844.0	0.25		1 961.0		1 961.0	125.6	1 835.4
D-2 A	390.0	0.30		117.0		117.0	40.4	76.6
D-3 F	188.0	<0.02		3.4		3.4	3.4	
YEKAU LAKE 052-26W4								
LOWER MANNVILLE A	431.0	<0.01		3.4		3.4	3.4	
LOWER MANNVILLE B	260.0	<0.01		1.1		1.1	1.1	
D-2 A	95.7	<0.01		0.1		0.1	0.1	
D-3 A	1 070.0	0.70		749.0		749.0	672.5	76.5
D-3 B	39.7	<0.01		0.3		0.3	0.3	
YOUNGSTOWN 031-09W4								
UPPER MANNVILLE A	90.6	<0.01		0.1		0.1	0.1	
ARCS	2 240.0	<0.36		784.0		784.0	673.9	110.1
ARCS B	309.0	0.20		61.8		61.8	8.0	53.8
ZAMA 117-04W6								
SULPHUR POINT A	203.0	<0.02		2.3		2.3	2.3	
SULPHUR POINT B	350.0	<0.01		0.1		0.1	0.1	
SULPHUR POINT C	258.0	<0.02		3.2		3.2	3.2	
SULPHUR POINT D	319.0	0.02		6.4		6.4	2.6	3.8
SULPHUR POINT F	953.0	0.15		143.0		143.0	81.2	61.8
SULPHUR POINT R	78.9	0.10		7.9		7.9	2.5	5.4
SULPHUR POINT T	261.0	0.10		26.1		26.1	1.5	24.6
SULPHUR POINT U	114.0	<0.01		0.1		0.1	0.1	
MUSKEG B	120.0	0.20		24.0		24.0	22.5	1.5
MUSKEG C	207.0	0.20		41.4		41.4	39.3	2.1
MUSKEG F	254.0	<0.10		23.3		23.3	23.3	
MUSKEG G	238.0	<0.08		18.4		18.4	18.4	
MUSKEG H	191.0	0.35		66.9		66.9	59.4	7.5
MUSKEG J	350.0	0.20		70.0		70.0	55.7	14.3
MUSKEG K	120.0	<0.01		0.3		0.3	0.3	
MUSKEG L WATER FLOOD	365.0	0.20	0.07	73.0	25.6	98.6	69.9	28.7
MUSKEG N	98.5	<0.17		16.0		16.0	16.0	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
64	0.90	0.150	0.45	0.87	57	835	29	7 540	876.5	1979	83 12 - ABAND 88 12
64	2.10	0.250	0.40	0.87	56	833	56	8 070	858.3	1971	86 12 - SUSP 88 07
923	2.48	0.160	0.38	0.83	90	855	39	9 719	1 256.5	1983	90 04 - GPP
356	6.58	0.179	0.35	0.81	45	887	48	9 760	1 288.7	1965	83 12 - GPP
64	1.54	0.210	0.15	0.84	66	860	46	9 680	1 255.2	1973	83 12 - SUSP 89 06
64	2.90	0.205	0.32	0.81	58	860	36	9 120	1 330.3	1979	83 12 - ABAND 88 12
64	10.00	0.150	0.35	0.83	66	857	37	11 067	1 322.3	1979	82 12 - SUSP 81 09
64	9.80	0.200	0.35	0.81	45	887	46	9 639	1 271.3	1964	82 07 - GPP
64	6.50	0.250	0.28	0.81	64	894	38	9 552	1 277.3	1983	86 12 - GPP
64	5.74	0.220	0.30	0.81	45	887	46	9 760	1 273.8	1964	83 12 - SUSP 83 03
32	2.13	0.171	0.20	0.85	50	870	49	10 790	1 465.8	1951	61 01 - ABAND 60 04
32	2.44	0.165	0.20	0.84	53	870	49	11 030	1 483.5	1952	59 05 - ABAND 60 05
494	5.24	0.041	0.23	0.75	106	839	71	13 790	1 756.6	1951	82 12 - SUSP 74 12
1 075	85.10	0.096	0.07	0.75	109	834	72	15 650	1 969.0	1951	88 08
54	4.45	0.095	0.07	0.75	109	834	77	15 200	2 108.0	1956	72 05 - ABAND 68 12
64	3.70	0.180	0.25	0.79	80	856	52	13 521	1 537.7	1985	86 05
128	2.62	0.170	0.42	0.77	150	865	55	13 827	1 596.9	1982	84 06 - SUSP 88 11
64	3.20	0.160	0.15	0.77	92	859	48	13 838	1 540.1	1985	86 05
64	5.79	0.170	0.30	0.83	115	847	57	10 650	1 453.1	1956	85 01 - GPP
16	2.00	0.200	0.45	0.95	16	967	41	12 842	1 588.0	1982	83 07 - SUSP 83 01
468	3.93	0.100	0.14	0.79	80	887	60	16 410	1 694.1	1964	84 10
61	23.00	0.080	0.20	0.75	80	887	60	15 820	1 705.7	1963	90 12
187	12.00	0.078	0.10	0.73	133	839	62	15 840	1 768.1	1972	89 12 - GPP
31	38.40	0.080	0.17	0.79	98	887	60	15 972	1 765.9	1983	90 12
70	23.20	0.090	0.10	0.76	109	841	72	15 937	1 756.9	1974	90 06
65	9.14	0.073	0.15	0.80	142	865	61	16 030	1 695.0	1957	73 02 - ABAND 75 03
64	8.44	0.080	0.16	0.80	77	868	61	13 004	1 780.7	1981	90 12
323	2.07	0.190	0.26	0.88	57	844	43	8 480	1 048.8	1960	85 08
1 468	5.50	0.160	0.31	0.88	74	832	41	8 424	1 961.0	1975	90 02
128	5.50	0.090	0.18	0.75	110	823	76		2 195.2	1983	88 08
204	4.57	0.070	0.55	0.64	106	825	81	22 000	2 192.7	1961	88 12 - SUSP 86 04
65	7.01	0.150	0.22	0.81	83	855	54	9 480	1 257.6	1956	84 12 - SUSP 80 02
64	4.10	0.190	0.38	0.84	58	810	56	9 480	1 275.4	1985	86 06 - SUSP 86 02
65	5.79	0.042	0.24	0.80	83	820	60	20 155	1 464.6	1963	64 12 - ABAND 64 07
250	6.58	0.097	0.15	0.79	87	820	63	11 450	1 557.5	1955	86 12
16	7.32	0.060	0.30	0.80	85	849	61	11 270	1 552.7	1967	68 12 - ABAND 68 04
64	1.10	0.220	0.35	0.90	44	884	34	9 157	1 053.8	1979	83 12 - ABAND 88 07
1 131	2.65	0.103	0.22	0.93	18	860	42	8 760	1 132.0	1956	86 12 - GPP
64	4.70	0.130	0.16	0.94	14	839	44	8 774	1 148.7	1987	88 08
65	5.79	0.077	0.16	0.84	64	860	66	13 100	1 370.1	1967	73 02 - SUSP 72 01
65	15.24	0.059	0.30	0.86	52	865	64	12 760	1 484.7	1967	69 05 - SUSP 68 01
19	25.91	0.070	0.13	0.86	73	839	65	12 930	1 339.9	1967	86 12 - SUSP 85 06
65	9.75	0.079	0.20	0.80	64	860	64	13 100	1 332.3	1967	88 07 - GPP
138	15.95	0.066	0.20	0.82	74	834	69	13 030	1 341.1	1967	75 12 - GPP
24	5.49	0.080	0.13	0.86	73	851	65	13 077	1 330.0	1967	88 02 - GPP
64	9.30	0.066	0.17	0.80	76	843	68	13 092	1 356.3	1985	87 03
64	5.00	0.050	0.12	0.81	76	834	68	13 450	1 397.3	1986	89 12 - SUSP 87 03
8	18.00	0.100	0.11	0.94	16	881	66	14 200	1 454.5	1966	78 12 - GPP
13	23.16	0.090	0.13	0.89	35	870	70	14 310	1 469.7	1966	86 12 - GPP
10	63.89	0.060	0.20	0.83	62	860	72	13 650	1 497.2	1967	79 01 - SUSP 78 11
30	19.48	0.060	0.17	0.81	74	860	73	13 800	1 557.2	1967	74 12 - SUSP 74 04
9	47.06	0.064	0.19	0.87	47	834	70	14 450	1 460.6	1967	88 12 - GPP
27	36.60	0.050	0.20	0.88	33	881	72	14 000	1 452.4	1967	84 08
65	6.71	0.046	0.25	0.80	80	887	60	13 650	1 407.0	1967	71 01 - ABAND 82 09
12	63.22	0.070	0.18	0.83	59	844	77	15 000	1 513.0	1967	84 12 - SUSP 88 08
5	55.47	0.046	0.14	0.89	37	881	71	14 000	1 508.2	1967	82 12 - SUSP 81 01

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ZAMA 117-04W6 (CONTINUED)								
MUSKEG O	286.0	0.20		57.2		57.2	45.3	11.9
MUSKEG P	127.0	<0.12		14.1		14.1	14.1	
MUSKEG R	159.0	0.35		55.6		55.6	30.7	24.9
MUSKEG S	79.5	<0.20		12.5		12.5	12.5	
MUSKEG T	415.0	0.25		104.0		104.0	63.2	40.8
MUSKEG U	268.0	0.30		80.4		80.4	60.0	20.4
MUSKEG V	400.0	0.40		160.0		160.0	95.7	64.3
MUSKEG W	159.0	<0.07		10.8		10.8	10.8	
MUSKEG X	79.5	<0.05		3.8		3.8	3.8	
MUSKEG Y WATER FLOOD	350.0	0.20	0.10	70.0	35.0	105.0	78.3	26.7
MUSKEG AA	79.5	<0.14		10.6		10.6	10.6	
MUSKEG BB	254.0	<0.08		18.5		18.5	18.5	
MUSKEG DD	100.0	<0.20		16.8		16.8	16.8	
MUSKEG EE	114.0	<0.29		32.8		32.8	32.8	
MUSKEG GG	365.0	0.35		128.0		128.0	94.5	33.5
MUSKEG HH	234.0	<0.02		3.2		3.2	3.2	
MUSKEG II	120.0	0.14		16.8		16.8	16.8	
MUSKEG KK	156.0	0.05		7.8		7.8	4.3	3.5
MUSKEG LL	159.0	0.25		40.0		40.0	33.9	6.1
MUSKEG MM	49.1	<0.10		4.8		4.8	4.8	
MUSKEG NN	351.0	0.15		52.7		52.7	48.3	4.4
MUSKEG OO	324.0	<0.01		0.1		0.1	0.1	
MUSKEG PP	50.0	0.20		10.0		10.0	8.3	1.7
MUSKEG QQ	140.0	0.20		28.0		28.0	6.5	21.5
MUSKEG RR	199.0	0.30		59.7		59.7	20.1	39.6
MUSKEG SS	384.0	<0.01		3.5		3.5	3.5	
MUSKEG TT	561.0	<0.01		1.8		1.8	1.8	
MUSKEG UU	225.0	0.20		45.0		45.0	5.7	39.3
MUSKEG VV	161.0	<0.01		0.2		0.2	0.2	
MUSKEG WW	200.0	0.30		60.0		60.0	20.8	39.2
MUSKEG XX	195.0	0.10		19.5		19.5	6.4	13.1
MUSKEG YY	91.2	0.20		18.2		18.2	1.6	16.6
MUSKEG ZZ	64.6	0.25		16.2		16.2	1.8	14.4
MUSKEG AAA	556.0	<0.29		159.0		159.0	158.7	0.3
KEG RIVER A	874.0	0.39		342.0		342.0	259.7	82.3
KEG RIVER C	318.0	<0.15		45.0		45.0	45.0	
KEG RIVER D	477.0	0.40		191.0		191.0	114.5	76.5
KEG RIVER E	397.0	<0.24		92.4		92.4	92.4	
KEG RIVER F	874.0	0.25		219.0		219.0	170.7	48.3
KEG RIVER G	318.0	0.35		111.0		111.0	95.5	15.5
KEG RIVER H WATER FLOOD	1 750.0	0.30	0.07	525.0	122.0	647.0	528.2	118.8
KEG RIVER I	192.0	<0.01		0.7		0.7	0.7	
KEG RIVER J	477.0	0.10		47.7		47.7	40.0	7.7
KEG RIVER K	127.0	0.35		44.5		44.5	36.5	8.0
KEG RIVER L	234.0	0.25		58.5		58.5	47.4	11.1
KEG RIVER M	260.0	0.15		39.0		39.0	1.4	37.6
KEG RIVER N WATER FLOOD	360.0	0.25	0.10	90.0	36.0	126.0	112.3	13.7
KEG RIVER O WATER FLOOD	1 030.0	0.34	0.06	350.2	61.8	412.0	275.2	136.8
KEG RIVER P WATER FLOOD	286.0	0.35	0.15	100.0	42.9	143.0	95.9	47.1
KEG RIVER R	179.0	0.33		59.1		59.1	54.5	4.6
KEG RIVER S	874.0	<0.11		89.5	ERSO	89.5	89.5	
KEG RIVER T	200.0	0.30		60.0		60.0	47.9	12.1
KEG RIVER U	715.0	0.37		265.0		265.0	199.0	66.0
KEG RIVER V	318.0	<0.08		23.9		23.9	23.9	
KEG RIVER W	191.0	<0.29		53.6		53.6	53.5	0.1
KEG RIVER X	306.0	<0.06		16.5		16.5	16.5	
KEG RIVER Y WATER FLOOD	261.0	<0.17	0.05	43.2	13.5	43.2	43.2	
KEG RIVER Z	477.0	0.37		176.0		176.0	171.4	4.6
KEG RIVER AA	191.0	0.35		67.0		67.0	59.5	7.5
KEG RIVER BB	238.0	0.35		83.3		83.3	57.6	25.7
KEG RIVER CC WATER FLOOD	795.0	0.25	0.12	199.0	95.4	294.0	275.6	18.4
KEG RIVER DD	324.0	<0.08		24.4		24.4	24.4	
KEG RIVER EE	1 030.0	0.25		258.0		258.0	223.5	34.5
KEG RIVER FF	1 270.0	0.30		381.0		381.0	333.3	47.7

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION [illegible]	[illegible]	[illegible]
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
11	48.46	0.069	0.09	0.83	54	841	72	13 000	[illegible]	[illegible]	73 12 - [illegible]
11	28.01	0.056	0.21	0.94	16	842	[illegible]	14 070	[illegible]	[illegible]	70 02 - ABAND 85 10
11	39.50	0.055	0.15	0.76	96	834	[illegible]	13 860	[illegible]	1967	73 08 - [illegible]
11	14.33	0.070	0.15	0.83	39	860	71	14 270	[illegible]	1967	[illegible]
30	28.10	0.076	0.27	0.90	24	881	68	14 270	1 460.7	1967	84 09 - [illegible]
7	64.06	0.080	0.15	0.85	48	887	[illegible]	14 690	[illegible]	[illegible]	[illegible]
15	52.10	0.070	0.20	0.90	29	881	69	14 281	1 470.7	[illegible]	82 10 - GPP
18	20.88	0.060	0.12	0.81	78	855	71	14 380	[illegible]	1967	73 10 - ABAND 85 02
12	10.36	0.090	0.14	0.82	67	855	71	14 100	1 530.[illegible]	[illegible]	70 01 - [illegible]
42	13.45	0.080	0.10	0.86	45	855	70	14 820	1 503.4	[illegible]	82 07
9	24.14	0.058	0.25	0.85	57	876	71	13 340	1 490.[illegible]	[illegible]	74 [illegible] SUSP 76 02
31	13.90	0.075	0.12	0.88	30	860	71	13 400	1 468.[illegible]	[illegible]	75 12 - [illegible]
7	25.00	0.073	0.13	0.90	25	876	67	13 870	1 446.0	1968	[illegible] 09 - ABAND 80 07
3	45.30	0.108	0.09	0.85	42	860	59	14 530	1 480.1	[illegible]	84 06 - ABAND 88 01
7	64.95	0.100	0.08	0.34	62	887	71	13 120	1 522.2	1969	73 08 - [illegible]
16	38.10	0.054	0.20	0.88	41	881	70	12 700	1 502.7	1968	73 02 - ABAND 82 09
9	24.50	0.079	0.15	0.81	74	860	72	13 870	1 507.2	1967	78 12 - SUSP 83 09
17	21.50	0.060	0.19	0.88	32	881	72	14 290	1 493.8	1969	86 12 - [illegible]
3	58.20	0.115	0.10	0.88	30	870	67	13 480	1 454.8	1969	84 12 - [illegible]
13	27.71	0.024	0.30	0.79	82	855	71	13 220	1 463.6	1971	74 12 - SUSP 74 04
25	24.99	0.077	0.11	0.83	56	855	67	14 940	1 516.7	1972	86 12 - GPP
65	24.08	0.036	0.32	0.85	44	844	36	17 960	1 553.9	1973	71 05 - ABAND 73 09
6	15.90	0.070	0.10	0.83	91	837	80	13 676	1 536.8	1982	84 12 - [illegible]
31	8.24	0.070	0.10	0.87	37	839	74	12 953	1 509.2	1983	85 04 - [illegible]
64	8.30	0.060	0.18	0.76	95	834	62	18 035	1 502.5	1983	84 01 - [illegible]
64	12.00	0.070	0.14	0.83	54	844	79	13 690	1 564.0	1983	86 12 - SUSP 85 04
64	16.00	0.070	0.11	0.88	35	882	71	17 953	1 499.3	1984	88 12 - SUSP 85 09
39	15.61	0.050	0.16	0.88	35	878	73	14 663	1 469.8	1984	86 09
64	5.60	0.060	0.10	0.83	60	837	77	15 402	1 578.1	1984	88 12 - ABAND 85 10
36	10.73	0.070	0.15	0.87	41	854	71	14 624	1 571.3	1985	87 02
64	8.35	0.055	0.19	0.82	59	817	66	18 557	1 526.8	1986	88 [illegible] - GPP
64	2.00	0.090	0.10	0.88	37	870	29	14 774	1 427.5	1987	87 12 - SUSP 88 07
64	1.50	0.090	0.14	0.87	42	882	70	13 472	1 411.4	1968	89 06
10	105.70	0.074	0.10	0.79	74	834	79	14 960	1 583.1	1967	90 12 - SUSP 90 04
25	63.12	0.071	0.11	0.86	46	876	68	14 340	1 460.0	1966	70 06 - GPP
7	82.30	0.077	0.16	0.87	50	870	69	14 760	1 482.9	1967	83 12 - ABAND 80 04
8	114.30	0.074	0.16	0.83	60	849	72	15 130	1 563.3	1967	82 12 - GPP
17	47.46	0.070	0.12	0.80	71	834	79	14 790	1 512.1	1967	86 12 - SUSP 85 10
32	50.90	0.071	0.12	0.85	52	849	71	14 480	1 492.9	1967	82 12 - SUSP 87 10
17	32.92	0.085	0.24	0.88	35	870	71	14 310	1 464.3	1967	75 06 - GPP
141	42.06	0.047	0.28	0.87	36	865	74	14 200	1 460.9	1966	74 09 - GPP
22	28.22	0.050	0.25	0.83	59	865	75	14 450	1 509.7	1967	68 05 - ABAND 89 03
7	91.20	0.100	0.10	0.83	66	865	72	13 952	1 549.6	1967	88 12
17	23.40	0.050	0.24	0.84	54	865	71	13 760	1 421.9	1966	81 12 - GPP
20	33.53	0.050	0.20	0.86	46	865	72	13 800	1 444.8	1967	83 12 - GPP
50	25.60	0.036	0.32	0.83	48	865	71	14 070	1 488.0	1967	90 12
18	52.56	0.058	0.20	0.82	64	865	71	13 900	1 500.2	1966	86 12 - GPP
35	47.88	0.087	0.19	0.88	35	860	71	14 820	1 497.3	1967	82 12 - GPP
5	104.21	0.074	0.17	0.85	54	855	68	14 620	1 523.1	1967	73 12 - GPP
10	24.23	0.100	0.17	0.89	30	876	68	14 200	1 449.6	1967	88 12 - GPP
17	90.09	0.079	0.16	0.86	42	860	69	14 890	1 496.6	1967	88 12 - SUSP 86 06
15	30.00	0.060	0.15	0.87	38	870	70	14 690	1 464.6	1967	85 12 - GPP
25	58.00	0.074	0.18	0.81	65	834	77	15 030	1 527.0	1967	70 06 - GPP
64	30.70	0.030	0.35	0.83	63	865	71	13 790	1 440.2	1967	83 12 - ABAND 87 02
28	23.79	0.046	0.24	0.82	69	876	66	13 760	1 434.1	1967	83 12 - ABAND 90 02
18	34.14	0.080	0.25	0.83	33	881	69	13 690	1 433.2	1967	84 09 - SUSP 87 09
12	36.27	0.081	0.12	0.84	62	865	61	13 870	1 446.9	1967	75 08 - SUSP 84 06
11	74.83	0.085	0.12	0.81	73	855	72	14 520	1 512.4	1967	82 12 - SUSP 88 07
7	53.07	0.070	0.18	0.86	43	870	68	14 030	1 495.7	1967	89 07 - GPP
33	30.30	0.040	0.30	0.85	76	865	72	13 760	1 553.0	1967	83 12 - GPP
13	95.10	0.087	0.12	0.86	45	860	76	14 890	1 565.5	1967	82 12 - GPP
15	48.13	0.061	0.20	0.90	35	887	63	13 810	1 419.5	1967	86 12 - ABAND 89 03
33	56.11	0.070	0.12	0.89	30	865	69	14 450	1 460.9	1967	82 12 - GPP
28	87.17	0.071	0.11	0.83	58	839	78	15 170	1 529.2	1967	77 10 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER GG	953.0	0.08	0.03	76.2	28.6	105.0	100.2	4.8
WATER FLOOD								
KEG RIVER HH	155.0	0.25		38.8		38.8	34.0	4.8
KEG RIVER II	280.0	0.10		28.0		28.0	15.2	12.8
KEG RIVER JJ	110.0	0.30		33.0		33.0	30.6	2.4
KEG RIVER KK	176.0	0.25	0.15	44.0	26.4	70.4	47.7	22.7
WATER FLOOD								
KEG RIVER LL	173.0	0.26	0.09	45.0	15.6	60.6	45.4	15.2
WATER FLOOD								
KEG RIVER MM	345.0	<0.01		2.6		2.6	2.6	
KEG RIVER NN	636.0	0.25		159.0		159.0	125.4	33.6
KEG RIVER OO	148.0	0.40		59.2		59.2	49.2	10.0
KEG RIVER PP	763.0	0.42		321.0		321.0	191.5	129.5
KEG RIVER QQ	350.0	0.30		105.0		105.0	78.5	26.5
KEG RIVER RR	795.0	0.08		63.6		63.6	60.1	3.5
KEG RIVER SS	310.0	0.25		77.5		77.5	67.7	9.8
KEG RIVER TT	400.0	0.25	0.10	100.0	40.0	140.0	123.2	16.8
WATER FLOOD								
KEG RIVER UU	141.0	<0.15		20.5		20.5	20.5	
KEG RIVER VV	1 350.0	0.41		555.0		555.0	383.1	171.9
KEG RIVER WW	318.0	0.20		63.6		63.6	56.8	6.8
KEG RIVER XX	477.0	<0.19		90.8		90.8	90.8	
KEG RIVER YY	663.0	0.25	0.05	165.0	33.2	198.0	55.3	142.7
WATER FLOOD								
KEG RIVER ZZ	238.0	0.35		83.4		83.4	58.1	25.3
KEG RIVER BBB	207.0	0.34	0.12	70.2	24.8	95.0	64.7	30.3
WATER FLOOD								
KEG RIVER CCC	477.0	<0.01		2.8		2.8	2.8	
KEG RIVER DDD	318.0	<0.21		64.2		64.2	64.2	
KEG RIVER EEE	318.0	0.12		38.1		38.1	32.0	6.1
KEG RIVER FFF	169.0	0.25		42.3		42.3	23.3	19.0
KEG RIVER GGG	64.2	<0.19		12.1		12.1	12.1	
KEG RIVER HHH	318.0	<0.13		38.4		38.4	38.4	
KEG RIVER III	230.0	0.30		69.0		69.0	60.0	9.0
KEG RIVER JJJ	477.0	0.36		172.0		172.0	164.4	7.6
KEG RIVER KKK	397.0	0.20		79.4		79.4	70.9	8.5
KEG RIVER LLL	165.0	0.20		33.0		33.0	15.7	17.3
KEG RIVER MMM	500.0	0.30		150.0		150.0	132.9	17.1
KEG RIVER NNN	588.0	0.35		207.0		207.0	146.7	60.3
KEG RIVER OOO	524.0	<0.09		45.7		45.7	45.7	
KEG RIVER PPP	213.0	0.25		53.2		53.2	38.5	14.7
KEG RIVER QQQ	397.0	0.15		59.6		59.6	42.3	17.3
KEG RIVER RRR	636.0	0.22		140.0		140.0	126.2	13.8
KEG RIVER SSS	79.5	<0.22		17.3		17.3	17.3	
KEG RIVER TTT	127.0	0.35	0.12	44.5	15.3	59.8	48.3	11.5
WATER FLOOD								
KEG RIVER VVV	443.0	0.15		66.4	ERSO	66.4	47.3	19.1
KEG RIVER WWW	393.0	0.10		39.3		39.3	26.6	12.7
KEG RIVER XXX	477.0	<0.08		34.8		34.8	34.8	
KEG RIVER YYY	337.0	0.35		118.0		118.0	94.6	23.4
KEG RIVER ZZZ	238.0	<0.13		29.2		29.2	29.2	
KEG RIVER A2A	423.0	0.40		169.0		169.0	113.8	55.2
KEG RIVER B2B	795.0	0.28		223.0		223.0	210.1	12.9
KEG RIVER C2C	165.0	<0.21		34.1		34.1	34.1	
KEG RIVER E2E	313.0	0.30		93.9		93.9	61.4	32.5
WATER FLOOD								
KEG RIVER F2F	310.0	<0.07		21.4		21.4	21.4	
KEG RIVER G2G	960.0	<0.13		122.0		122.0	122.0	
KEG RIVER H2H	305.0	<0.04		10.3		10.3	10.3	
KEG RIVER I2I	197.0	<0.24		46.1		46.1	46.1	
KEG RIVER J2J	286.0	0.30		85.8		85.8	69.9	15.9
KEG RIVER K2K	477.0	<0.02		6.5		6.5	6.5	
KEG RIVER L2L	143.0	<0.10		13.7		13.7	13.7	
KEG RIVER M2M	354.0	0.35		124.0		124.0	98.9	25.1
KEG RIVER N2N	461.0	0.32		148.0		148.0	135.3	12.7
KEG RIVER O2O	604.0	0.30		181.0		181.0	82.6	98.4
KEG RIVER P2P	350.0	0.30		105.0		105.0	88.6	16.4
KEG RIVER Q2Q	364.0	<0.12		42.7		42.7	42.7	
KEG RIVER R2R	255.0	0.12		30.6		30.6	17.9	12.7
KEG RIVER S2S	350.0	0.25		87.5		87.5	84.8	2.7
KEG RIVER T2T	91.9	0.25		23.0		23.0	18.4	4.6

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
55	41.92	0.060	0.17	0.83	53	865	73	14 380	1 485.6	1967	83 12 [illegible]
21	42.43	0.030	0.30	0.83	50	860	71	13 790	1 468.7	1967	86 12 - GPP
22	25.30	0.074	0.15	0.80	74	849	78	13 930	1 [illegible]	1967	85 12 - GPP
15	29.30	0.042	0.30	0.85	35	865	71	13 790	1 [illegible]	1967	85 07 - GPP
14	86.87	0.065	0.11	0.87	45	865	71	14 [illegible]	1 538.[illegible]	1967	82 12 - GPP
10	20.46	0.100	0.08	0.92	26	881	64	14 030	1 [illegible]	1967	90 12 - GPP
64	6.10	0.140	0.11	0.71	156	825	81	14 910	1 [illegible]	1967	88 12 - SUSP 84 02
20	36.97	0.120	0.08	0.77	88	829	76	15 130	1 553.0	1967	82 12 - GPP
16	46.33	0.043	0.25	0.62	215	829	76	15 130	1 [illegible]	1967	85 08
15	97.11	0.074	0.10	0.81	72	829	80	15 410	1 550.5	1967	70 06 - GPP
13	53.64	0.073	0.11	0.80	72	829	78	14 820	1 536.5	1967	75 12 - GPP
57	31.39	0.063	0.15	0.83	64	865	71	13 510	1 451.5	1967	83 12 - GPP
5	102.40	0.080	0.11	0.85	53	855	72	14 940	1 528.6	1967	90 12 - GPP
23	43.30	0.055	0.14	0.85	49	865	73	13 790	1 479.2	1967	87 08
21	28.74	0.039	0.30	0.84	59	865	70	13 790	1 598.1	1967	86 12 - SUSP [illegible]
26	91.74	0.075	0.10	0.83	58	855	77	14 930	1 509.4	1967	70 06
16	45.11	0.055	0.13	0.90	32	898	63	14 170	1 443.5	1967	84 12 - GPP
13	67.30	0.071	0.11	0.84	71	860	71	14 790	1 501.4	1967	82 12 - ABAND 88 06
26	60.96	0.060	0.15	0.81	71	844	71	14 620	1 521.6	1967	70 02 - GPP
24	20.95	0.110	0.12	0.49	331	811	77	15 370	1 551.1	1967	83 12 - SUSP 89 02
3	91.00	0.105	0.13	0.83	57	855	80	14 690	1 565.8	1967	75 07 - GPP
72	17.37	0.065	0.28	0.81	65	860	76	14 240	1 573.4	1967	70 09 - WTR INJ [illegible]
9	58.83	0.076	0.15	0.90	33	881	67	14 170	1 468.2	1967	88 12 - SUSP 86 01
21	36.27	0.064	0.22	0.85	52	865	70	13 380	1 443.8	1967	75 12 - GPP
6	47.64	0.085	0.20	0.87	35	865	71	13 650	1 454.7	1967	83 12 - GPP
3	82.20	0.045	0.35	0.89	45	860	83	14 340	1 524.6	1967	69 01 - SUSP 85 12
10	37.80	0.115	0.10	0.83	59	860	72	13 550	1 470.8	1967	82 12 - SUSP 82 03
10	43.20	0.080	0.25	0.89	38	881	64	14 000	1 427.7	1967	88 12 - GPP
21	45.14	0.070	0.20	0.88	30	865	72	14 550	1 451.5	1967	70 06
7	95.90	0.080	0.11	0.83	45	855	78	14 690	1 558.7	1967	85 12 - GPP
17	36.27	0.046	0.30	0.83	62	865	69	13 200	1 [illegible]	1967	75 01
12	86.52	0.070	0.20	0.86	47	865	69	14 890	1 484.4	1967	89 12 - GPP
17	69.49	0.073	0.15	0.80	72	844	80	15 690	1 532.2	1967	69 01 - GPP
19	50.35	0.074	0.19	0.93	28	881	67	13 930	1 453.9	1967	82 12 - ABAND 88 06
19	42.15	0.040	0.20	0.83	60	860	71	13 270	1 465.8	1967	70 02 - GPP
34	49.71	0.040	0.30	0.85	49	865	71	13 170	1 466.4	1967	82 12
20	70.26	0.077	0.17	0.70	145	829	73	15 200	1 548.7	1967	88 12 - GPP
6	26.60	0.080	0.25	0.83	41	860	73	14 650	1 547.2	1967	86 12 - SUSP 85 12
4	50.70	0.080	0.10	0.87	43	865	73	14 310	1 516.7	1967	69 01 - GPP
23	45.45	0.063	0.19	0.83	67	855	71	13 310	1 464.7	1967	70 02 - GPP
17	37.73	0.080	0.15	0.90	34	887	63	13 890	1 417.3	1968	89 12
21	57.30	0.059	0.23	0.87	42	881	67	13 580	1 460.6	1967	86 12 - SUSP 85 05
15	42.03	0.074	0.16	0.86	43	876	71	13 450	1 449.9	1967	88 12
20	22.80	0.070	0.17	0.90	28	881	63	14 170	1 426.9	1968	86 12 - ABAND 88 06
35	25.09	0.060	0.20	0.81	74	849	71	13 450	1 462.0	1968	89 12
17	53.90	0.120	0.15	0.85	56	855	68	14 640	1 490.2	1968	90 12 - GPP
17	40.87	0.040	0.25	0.81	71	860	71	12 820	1 474.6	1968	84 12 - SUSP 83 09
16	30.48	0.085	0.17	0.90	32	904	63	13 670	1 4[illegible].3	1967	70 02 - GPP
23	36.79	0.055	0.24	0.86	46	865	68	13 650	1 443.5	1968	74 12 - SUSP [illegible]
28	57.42	0.085	0.13	0.81	71	844	76	14 190	1 510.3	1968	83 07 - SUSP 85 03
15	38.10	0.078	0.17	0.85	52	865	70	13 580	1 448.1	1968	74 12 - SUSP 74 10
18	27.10	0.065	0.20	0.77	95	825	80	14 760	1 557.2	1968	70 02 - SUSP 85 10
14	31.39	0.087	0.14	0.86	47	870	69	14 450	1 487.4	1968	69 03 - GPP
63	19.57	0.054	0.20	0.89	37	892	61	13 650	1 413.1	1968	73 02 - SUSP 72 04
16	38.10	0.040	0.30	0.83	66	865	68	12 650	1 453.0	1968	78 10 - SUSP [illegible]
13	47.64	0.075	0.15	0.90	38	881	61	13 930	1 436.8	1968	70 02 - GPP
12	56.57	0.094	0.15	0.85	59	860	68	14 380	1 459.4	1968	90 12 - GPP
15	59.30	0.100	0.14	0.79	84	870	73	14 590	1 515.2	1968	89 12 - GPP
11	47.85	0.094	0.16	0.88	38	865	69	14 000	1 449.6	1968	71 07 - GPP
17	70.90	0.045	0.20	0.82	66	860	74	11 650	1 492.9	1968	82 12 - SUSP 80 10
17	29.80	0.080	0.12	0.72	115	825	66	14 960	1 560.9	1968	90 12 - SUSP 90 04
6	98.70	0.080	0.11	0.83	50	870	77	14 300	1 537.1	1968	86 12 - GPP
7	22.34	0.075	0.11	0.88	35	867	67	13 280	1 474.6	1968	83 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER U2U	429.0	0.20		85.8		85.8	77.2	8.6
KEG RIVER V2V	124.0	0.20		24.8		24.8	11.8	13.0
KEG RIVER W2W	165.0	0.25		41.3		41.3	30.8	10.5
KEG RIVER X2X TOTAL	751.0			240.0	126.0	366.0	264.2	101.8
PRIMARY AREA	204.0	0.32		65.3		65.3		
WATER FLOOD AREA	547.0	0.32	0.23	175.0	126.0	301.0		
KEG RIVER Y2Y	79.5	<0.02		1.0		1.0	1.0	
KEG RIVER Z2Z	477.0	0.20		95.4		95.4	80.2	15.2
KEG RIVER A3A	318.0	<0.12		37.8		37.8	37.8	
KEG RIVER B3B	251.0	<0.06		14.3		14.3	14.3	
KEG RIVER C3C	111.0	<0.23		25.3		25.3	25.3	
KEG RIVER D3D	257.0	0.30		77.2		77.2	67.1	10.1
KEG RIVER F3F	420.0	0.12		50.4		50.4	43.3	7.1
KEG RIVER G3G	106.0	0.15		15.9		15.9	12.1	3.8
KEG RIVER H3H	218.0	0.20		43.6		43.6	40.5	3.1
KEG RIVER I3I TOTAL	636.0			128.0	25.1	153.0	131.4	21.6
PRIMARY AREA	134.0	0.20		26.8		26.8		
WATER FLOOD AREA	502.0	0.20	0.05	101.0	25.1	126.0		
KEG RIVER J3J	222.0	0.15		33.3		33.3	27.7	5.6
KEG RIVER K3K WATER FLOOD	207.0	0.20	0.10	41.3	20.7	62.0	59.5	2.5
KEG RIVER L3L WATER FLOOD	159.0	0.20	0.15	31.8	23.9	55.7	49.2	6.5
KEG RIVER M3M	318.0	0.05		15.9		15.9	10.4	5.5
KEG RIVER N3N	302.0	<0.24		70.5		70.5	70.5	
KEG RIVER O3O	240.0	<0.06		13.9		13.9	13.9	
KEG RIVER P3P	477.0	<0.17		78.3		78.3	78.3	
KEG RIVER Q3Q	267.0	<0.12		30.5		30.5	30.5	
KEG RIVER R3R	395.0	0.40		158.0		158.0	104.9	53.1
KEG RIVER S3S	222.0	0.35		77.7		77.7	71.3	6.4
KEG RIVER T3T	242.0	0.25		60.5		60.5	22.5	38.0
KEG RIVER U3U	20.5	<0.26		5.3		5.3	5.3	
KEG RIVER W3W WATER FLOOD	524.0	0.26	0.09	136.0	47.2	183.0	156.3	26.7
KEG RIVER X3X	253.0	<0.02		3.9		3.9	3.9	
KEG RIVER Y3Y	238.0	<0.06		12.2		12.2	12.2	
KEG RIVER Z3Z	477.0	0.35		167.0		167.0	141.7	25.3
KEG RIVER A4A	47.7	<0.01		0.4		0.4	0.4	
KEG RIVER B4B	63.6	<0.18		11.3		11.3	11.3	
KEG RIVER C4C	323.0	<0.13		41.0		41.0	41.0	
KEG RIVER D4D	140.0	<0.11		15.0		15.0	15.0	
KEG RIVER E4E	415.0	0.12		49.8		49.8	42.4	7.4
KEG RIVER F4F	79.5	0.21		16.7		16.7	16.7	
KEG RIVER G4G	370.0	0.15		55.5		55.5	32.6	22.9
KEG RIVER H4H	381.0	0.15		57.2		57.2	49.9	7.3
KEG RIVER I4I	222.0	0.20		44.4		44.4	41.2	3.2
KEG RIVER J4J	397.0	0.05		19.9		19.9	11.0	8.9
KEG RIVER K4K	159.0	0.20		31.8		31.8	29.3	2.5
KEG RIVER L4L	1 118.0	0.40		447.0		447.0	209.0	238.0
KEG RIVER M4M	210.0	<0.07		13.9		13.9	13.9	
KEG RIVER N4N	191.0	0.20		38.2		38.2	30.7	7.5
KEG RIVER O4O	143.0	0.14		20.0		20.0	18.3	1.7
KEG RIVER P4P	159.0	0.35		55.6		55.6	48.4	7.2
KEG RIVER Q4Q	143.0	0.20		28.6		28.6	21.5	7.1
KEG RIVER R4R	267.0	0.07		18.7		18.7	18.7	
KEG RIVER S4S	270.0	0.08		21.6		21.6	20.5	1.1
KEG RIVER T4T	318.0	0.40		127.0		127.0	104.8	22.2
KEG RIVER U4U	320.0	0.30		96.0		96.0	87.5	8.5
KEG RIVER V4V	95.3	<0.12		10.7		10.7	10.7	
KEG RIVER W4W	95.3	0.30		28.6		28.6	23.7	4.9
KEG RIVER X4X	424.0	0.15		63.6		63.6	38.8	24.8
KEG RIVER Y4Y	26.8	<0.27		7.0		7.0	7.0	
KEG RIVER Z4Z	232.0	<0.09		20.3		20.3	20.3	
KEG RIVER A5A	874.0	0.20		175.0		175.0	127.2	47.8
KEG RIVER B5B	159.0	<0.13		20.1		20.1	20.1	
KEG RIVER C5C	259.0	0.25		64.8		64.8	60.0	4.8
KEG RIVER D5D	300.0	0.20		60.0		60.0	44.4	15.6
KEG RIVER E5E	425.0	<0.01		0.1		0.1	0.1	
KEG RIVER F5F	181.0	0.20		36.2		36.2	10.9	25.3
KEG RIVER G5G	350.0	0.10		35.0		35.0	19.6	15.4
KEG RIVER H5H	267.0	0.03		8.0		8.0	3.4	4.6

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVISED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
10	53.77	0.105	0.13	0.90	26	876	68	13 880	1 451.[illegible]	1968	74 09
13	24.90	0.060	0.25	0.85	55	865	71	13 130	1 434.4	1968	85 0[illegible] - GPP
15	32.95	0.054	0.25	0.83	59	865	70	11 310	1 462.3	1968	84 12 - GPP
50					78	844	76	12 080	1 494.1	1968	90 08 - GPP
16	24.40	0.075	0.13	0.80							
34	31.21	0.075	0.13	0.80							
5	23.73	0.110	0.30	0.87	48	860	71	11 310	1 521.4	1968	[illegible]
17	30.23	0.120	0.15	0.91	26	887	64	13 440	1 418.4	1968	83 12
35	29.50	0.045	0.20	0.86	53	865	72	13 530	1 454.2	1967	87 12 - SUSP 84 08
17	36.27	0.060	0.20	0.85	52	865	70	12 310	1 454.5	1968	74 12 - ABAND 79 01
8	25.27	0.078	0.20	0.88	35	887	71	14 210	1 498.7	1968	83 1[illegible] SUSP 81 01
16	35.17	0.065	0.15	0.84	59	860	74	14 020	1 459.4	1969	70 09 - GPP
15	28.83	0.120	0.10	0.90	39	898	61	12 940	1 400.9	1969	87 12 - GPP
11	16.95	0.075	0.15	0.90	34	887	63	13 500	1 406.7	1969	86 12 - GPP
5	91.74	0.070	0.21	0.86	46	865	71	15 090	1 535.0	1969	90 12 - GPP
117					63	865	72	13 000	1 433.2	1968	88 01 - GPP
64	22.47	0.017	0.34	0.83							
53	23.77	0.060	0.20	0.83							
8	31.21	0.122	0.13	0.83	63	860	71	13 670	1 456.3	1967	83 12
8	43.74	0.079	0.12	0.84	61	865	71	13 700	1 454.5	1967	75 08 - [illegible]
12	37.83	0.052	0.18	0.84	55	865	71	13 330	1 442.9	1967	86 12 - GPP
19	24.29	0.090	0.12	0.87	35	865	71	13 460	1 435.9	1968	90 12
10	58.30	0.071	0.11	0.82	62	865	69	13 460	1 501.7	1969	84 12 - SUSP 84 12
9	55.41	0.079	0.25	0.82	71	855	68	13 410	1 476.8	1968	77 04 - SUSP 77 01
10	80.13	0.092	0.18	0.78	78	855	72	14 620	1 583.1	1968	88 12 - ABAND 90 02
16	42.98	0.065	0.27	0.83	57	870	71	12 350	1 435.6	1969	89 12 - SUSP 87 08
17	40.20	0.080	0.15	0.85	56	860	67	13 800	1 451.5	1969	90 12
11	23.16	0.112	0.12	0.86	52	887	77	13 650	1 481.3	1969	83 12 - GPP
14	65.53	0.045	0.23	0.76	94	834	73	14 910	1 533.8	1969	89 09
1	35.90	0.079	0.16	0.86	46	860	71	9 360	1 500.2	1969	73 02 - SUSP 72 05
7	73.00	0.139	0.09	0.78	85	855	69	13 400	1 520.3	1969	82 12 - GPP
6	65.84	0.092	0.17	0.84	60	854	71	8 560	1 524.0	1969	86 12 - SUSP 85 12
12	50.17	0.055	0.20	0.89	30	881	70	13 380	1 473.1	1969	74 12 - SUSP 74 07
15	58.95	0.086	0.15	0.76	94	829	79	15 010	1 522.5	1969	86 12 - GPP
11	9.69	0.068	0.15	0.81	60	855	71	13 110	1 639.5	1969	70 10 - SUSP 70 01
5	26.97	0.077	0.25	0.84	58	855	77	15 180	1 639.5	1969	78 07 - ABAND 85 07
14	44.84	0.080	0.17	0.79	89	860	71	13 450	1 510.9	1969	82 12 - SUSP 83 04
13	32.34	0.050	0.20	0.81	69	860	69	12 820	1 477.4	1968	70 02 - ABAND 72 05
20	30.48	0.090	0.15	0.88	35	870	69	11 420	1 449.6	1969	86 06 - SUSP 88 10
19	23.16	0.030	0.30	0.86	46	865	72	13 730	1 448.1	1967	89 12 - SUSP 87 05
7	68.12	0.100	0.10	0.88	35	860	67	12 470	1 469.7	1970	81 12 - GPP
14	45.42	0.084	0.18	0.90	29	898	59	12 910	1 428.3	1971	86 12 - GPP
12	41.45	0.065	0.22	0.90	38	887	62	13 370	1 414.9	1971	88 12 - GPP
10	44.50	0.110	0.09	0.89	41	898	62	12 410	1 424.6	1971	76 06
12	31.09	0.060	0.18	0.89	41	898	62	12 240	1 420.4	1971	82 12 - GPP
130	20.30	0.060	0.16	0.84	61	855	70	13 220	1 522.5	1971	90 11
11	56.28	0.061	0.33	0.83	64	855	81	13 510	1 547.8	1971	81 09 - ABAND 87 11
7	39.81	0.086	0.15	0.90	35	881	61	9 410	1 423.4	1971	82 12 - GPP
9	26.67	0.075	0.12	0.90	35	898	61	23 310	1 416.4	1971	83 12
6	39.35	0.085	0.13	0.90	35	892	61	13 820	1 414.6	1971	72 09
10	22.82	0.080	0.12	0.89	36	887	63	13 510	1 420.7	1971	89 12 - GPP
9	36.60	0.100	0.10	0.90	35	904	61	13 450	1 419.1	1971	82 12 - SUSP 80 03
10	31.09	0.120	0.17	0.90	36	887	62	21 860	1 418.5	1972	87 12 - GPP
7	88.70	0.075	0.11	0.78	83	829	77	15 750	1 547.5	1971	75 05 - GPP
13	54.80	0.080	0.11	0.84	59	855	69	12 460	1 486.2	1972	89 08
4	73.75	0.047	0.21	0.87	47	849	72	14 210	1 510.9	1968	81 08 - SUSP 82 07
3	42.95	0.100	0.15	0.87	47	876	71	14 650	1 481.6	1972	75 04 - GPP
12	52.55	0.090	0.10	0.85	60	865	45	7 490	1 519.7	1972	82 12
2	39.32	0.050	0.18	0.83	58	829	74	15 880	1 561.2	1972	89 12 - SUSP 87 09
25	24.99	0.055	0.12	0.78	89	834	72	13 610	1 550.5	1971	73 11 - SUSP 85 02
15	77.54	0.099	0.08	0.85	53	876	69	12 270	1 454.5	1973	86 12 - GPP
7	55.47	0.065	0.16	0.78	89	811	82	14 710	1 553.0	1973	86 12 - SUSP 86 01
7	44.00	0.105	0.09	0.88	27	876	69	12 819	1 444.6	1974	90 12
11	52.80	0.075	0.14	0.80	71	825	88	14 890	1 581.3	1974	90 12
64	17.32	0.060	0.23	0.83	69	860	56	13 540	1 457.0	1978	82 12 - SUSP 79 04
64	9.00	0.050	0.25	0.84	50	861	60	13 550	1 608.5	1978	79 08 - GPP
40	20.50	0.060	0.20	0.89	52	879	80	13 445	1 451.3	1981	86 12 - GPP
8	75.50	0.070	0.20	0.79	76	855	66	13 509	1 437.1	1981	88 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER I5I	322.0	0.20		64.4		64.4	50.0	14.4
KEG RIVER J5J	340.0	0.10		34.0		34.0	12.8	21.2
KEG RIVER K5K	612.0	<0.01		4.2		4.2	4.2	
KEG RIVER L5L	285.0	0.20		57.0		57.0	27.0	30.0
KEG RIVER M5M	223.0	<0.04		8.6		8.6	8.6	
KEG RIVER N5N	233.0	0.25		58.3		58.3	23.8	34.5
KEG RIVER O5O	206.0	0.15		30.9		30.9	3.9	27.0
KEG RIVER P5P	931.0	0.10		93.1		93.1	37.6	55.5
KEG RIVER Q5Q	411.0	0.10		41.1		41.1	9.5	31.6
KEG RIVER R5R	485.0	<0.01		4.4		4.4	4.4	
KEG RIVER S5S	317.0	0.06		19.0		19.0	12.1	6.9
KEG RIVER T5T	694.0	<0.01		1.5		1.5	1.5	
KEG RIVER U5U	162.0	0.20		32.4		32.4	11.2	21.2
KEG RIVER V5V	1 580.0	<0.01		6.9		6.9	6.9	
KEG RIVER W5W	260.0	0.15		39.0		39.0	13.7	25.3
KEG RIVER X5X	150.0	0.25		37.5		37.5	17.8	19.7
KEG RIVER Y5Y	300.0	0.30		90.0		90.0	34.4	55.6
KEG RIVER Z5Z	283.0	0.15		42.5		42.5	26.9	15.6
KEG RIVER A6A	215.0	0.30		64.5		64.5	25.3	39.2
KEG RIVER B6B	85.1	<0.04		3.1		3.1	3.1	
KEG RIVER C6C	186.0	<0.02		3.1		3.1	3.1	
KEG RIVER D6D	236.0	<0.01		1.9		1.9	1.9	
KEG RIVER E6E	350.0	0.07		24.5		24.5	18.5	6.0
KEG RIVER F6F	271.0	0.25		67.8		67.8	22.5	45.3
KEG RIVER G6G	190.0	0.25		47.5		47.5	9.2	38.3
KEG RIVER H6H	301.0	<0.01		2.1		2.1	2.1	
KEG RIVER I6I	730.0	0.05		36.5		36.5	18.1	18.4
KEG RIVER J6J	150.0	<0.03		3.2		3.2	3.2	
KEG RIVER K6K	140.0	<0.03		4.1		4.1	4.1	
KEG RIVER L6L	117.0	0.15		17.6		17.6	1.2	16.4
KEG RIVER N6N	500.0	0.05		25.0		25.0	16.3	8.7
KEG RIVER O6O	250.0	0.05		12.5		12.5	7.5	5.0
KEG RIVER P6P	455.0	0.05		22.8		22.8	16.3	6.5
KEG RIVER Q6Q WATER FLOOD	251.0	0.25	0.10	62.8	25.1	87.9	84.3	3.6
KEG RIVER R6R	130.0	0.25		33.0		33.0	18.0	15.0
KEG RIVER S6S	400.0	0.20		80.0		80.0	19.2	60.8
KEG RIVER T6T	300.0	0.25		75.0		75.0	15.1	59.9
KEG RIVER U6U	210.0	0.25		52.5		52.5	15.4	37.1
KEG RIVER V6V	174.0	0.10		17.4		17.4	11.1	6.3
KEG RIVER W6W	130.0	0.30		39.0		39.0	9.9	29.1
KEG RIVER X6X	116.0	0.10		11.6		11.6	6.2	5.4
KEG RIVER Y6Y	860.0	0.25		215.0		215.0	54.9	160.1
KEG RIVER Z6Z	117.0	0.40		46.8		46.8	8.1	38.7
KEG RIVER A7A	189.0	0.15		28.4		28.4	4.3	24.1
KEG RIVER B7B	350.0	0.25		87.5		87.5	17.2	70.3
KEG RIVER C7C	148.0	0.15		22.2		22.2	0.7	21.5
KEG RIVER D7D	68.0	0.25		17.0		17.0	4.0	13.0
UNDEFINED AND CONFIDENTIAL POOLS								
TOTAL UNDEFINED	52 912.9			1 915.4		1 915.4	961.9	953.5
TOTAL CONFIDENTIAL	24 899.3			4 622.6		4 622.6	52.5	4 570.1
TOTAL LIGHT-MEDIUM CRUDE OIL	**6 961 735.0**			**1 436 999.7**	**641 281.8**	**2 078 256.7**	**1 623 409.7**	**454 847.0**

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	STATE DATE (STATUS AND REMARKS)
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
8	67.55	0.100	0.15	0.70	120	842	81	11 760	1 553.[illegible]	[illegible]	[illegible] 12 - [illegible]
19	51.30	0.050	0.16	0.83	62	860	51	12 880	1 308.2	[illegible]	[illegible] 12 - [illegible]
64	28.50	0.050	0.14	0.78	83	831	78	14 984	1 584.8	[illegible]	84 12 - SUSP 85 04
13	26.00	0.120	0.21	0.89	36	894	61	6 135	1 435.0	1982	[illegible]
16	23.00	0.080	0.15	0.89	36	911	61	12 819	1 406.5	[illegible]	[illegible] - SUSP 8[illegible]
40	15.26	0.050	0.08	0.83	60	853	73	13 682	1 527.0	1983	[illegible]
25	17.60	0.060	0.12	0.89	31	906	55	13 650	1 [illegible]	1983	85 [illegible]
16	55.00	0.140	0.10	0.84	55	865	71	12 966	1 [illegible]	[illegible]	[illegible] 12
16	68.70	0.060	0.25	0.83	60	830	71	13 640	1 500.0	1984	89 12 - [illegible]
64	21.00	0.050	0.18	0.88	42	854	69	15 891	1 567.5	[illegible]	84 08 - ABAND [illegible]
8	54.60	0.100	0.15	0.83	58	858	74	14 475	1 [illegible]	1983	[illegible] 12
64	17.50	0.080	0.10	0.86	13	881	66	13 503	1 512.0	1983	86 12 - [illegible]
16	29.80	0.050	0.16	0.81	73	856	69	14 900	1 [illegible]	1983	89 12
64	37.75	0.080	0.12	0.93	51	874	77	14 316	1 470.8	[illegible]	88 12 - [illegible]
64	16.60	0.035	0.22	0.90	32	901	52	13 447	1 425.7	1983	85 [illegible]
14	38.40	0.050	0.32	0.82	39	864	71	10 438	1 590.4	[illegible]	86 [illegible]
35	25.27	0.047	0.18	0.88	42	858	69	10 651	1 462.2	1984	86 [illegible]
19	32.10	0.065	0.14	0.83	74	865	70	13 676	1 458.[illegible]	1984	[illegible]
30	23.70	0.043	0.10	0.78	89	855	71	13 699	1 528.7	1984	86 05
38	16.05	0.023	0.26	0.82	64	863	71	13 328	1 449.0	1984	86 06 - ABAND 86 03
21	28.99	0.046	0.18	0.81	73	856	69	15 076	1 571.[illegible]	1984	86 06 - SUSP 86 01
36	16.91	0.055	0.13	0.81	73	846	69	13 133	1 547.2	1984	88 12 - SUSP 86 09
6	51.90	0.150	0.12	0.85	49	865	65	13 473	1 471.3	1985	[illegible] 12
22	27.76	0.060	0.15	0.87	38	882	73	10 498	1 621.5	1985	86 06
17	35.87	0.047	0.22	0.85	49	878	73	13 120	1 555.0	1985	86 06
64	16.50	0.046	0.27	0.85	51	885	66	12 389	1 424.3	1972	88 12 - SUSP 86 07
17	75.11	0.083	0.18	0.84	55	865	71	12 544	1 479.8	1985	89 12
22	27.65	0.046	0.33	0.80	84	869	73	15 424	1 602.4	1985	89 12 - SUSP 87 09
8	31.57	0.070	0.10	0.88	33	878	69	13 072	1 428.6	1985	89 12 - SUSP 87 08
64	8.50	0.040	0.35	0.83	55	823	62	13 279	1 473.3	1985	86 06
28	30.60	0.080	0.15	0.86	41	855	70	14 107	1 575.0	1986	89 12
26	23.46	0.064	0.18	0.78	79	834	79	13 476	1 579.5	1986	89 12
28	35.42	0.062	0.16	0.88	34	850	72	14 288	1 543.8	1986	90 12
11	59.00	0.059	0.20	0.82	64	865	71	13 160	1 485.9	1967	86 12 - [illegible]
16	23.00	0.050	0.14	0.82	64	865	71	14 728	1 495.5	1985	86 12
17	37.01	0.086	0.16	0.88	33	881	69	14 764	1 491.3	1986	87 02
19	32.63	0.072	0.20	0.84	54	868	71	13 941	1 439.3	1986	87 02
15	40.61	0.057	0.28	0.84	62	876	71	11 000	1 430.8	1987	88 05
16	15.50	0.102	0.18	0.84	54	870	71	14 162	1 494.3	1987	90 12
31	18.88	0.039	0.27	0.78	46	857	71	13 494	1 548.4	1987	88 11
16	24.17	0.050	0.23	0.78	89	858	71	13 792	1 555.3	1987	90 12
39	56.52	0.058	0.17	0.81	73	849	78	14 248	1 591.3	1988	88 12
32	14.10	0.055	0.24	0.62	215	822	76	14 381	1 545.9	1988	90 05
24	25.40	0.048	0.23	0.84	56	845	72		1 548.5	1988	90 06
32	25.10	0.064	0.16	0.81	75	855	68	13 465	1 512.3	1988	89 04
64	15.20	0.031	0.37	0.78	85	854	69		1 543.8	1988	89 06
9	13.30	0.083	0.12	0.78	94	858	70	13 203	1 520.9	1989	89 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
ALDERSON 015-11W4								
UPPER MANNVILLE A	107.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE B	154.0	0.10		15.4		15.4	11.8	3.6
UPPER MANNVILLE C	455.0	0.15		68.3		68.3	35.0	33.3
UPPER MANNVILLE D WATER FLOOD	1 100.0	0.12	0.13	132.0	143.0	275.0	145.1	129.9
UPPER MANNVILLE F	205.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE G	928.0	<0.01		1.7		1.7	1.7	
UPPER MANNVILLE I	376.0	0.04		15.0		15.0	11.5	3.5
UPPER MANNVILLE J	289.0	0.05		14.5		14.5	10.2	4.3
UPPER MANNVILLE L	180.0	0.10		18.0		18.0	14.2	3.8
UPPER MANNVILLE R WATER FLOOD	575.0	0.15	0.15	86.3	86.2	173.0	115.4	57.6
UPPER MANNVILLE S WATER FLOOD	500.0	0.10	0.13	50.0	65.0	115.0	95.8	19.2
UPPER MANNVILLE T	186.0	0.10		18.6		18.6	16.6	2.0
UPPER MANNVILLE U	85.9	0.15		12.9		12.9	11.0	1.9
UPPER MANNVILLE Y	480.0	0.15		72.0		72.0	64.8	7.2
UPPER MANNVILLE Z WATER FLOOD	1 200.0	0.10	0.20	120.0	240.0	360.0	295.3	64.7
UPPER MANNVILLE AA	179.0	0.15		26.9		26.9	17.8	9.1
UPPER MANNVILLE BB	146.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE DD	200.0	0.15		30.0		30.0	16.0	14.0
UPPER MANNVILLE EE	127.4	0.15		19.1		19.1	12.2	6.9
UPPER MANNVILLE GG	105.0	<0.02		1.7		1.7	1.7	
UPPER MANNVILLE HH	124.0	0.05		6.2		6.2	4.0	2.2
UPPER MANNVILLE KK	276.0	0.10		27.6		27.6	10.0	17.6
UPPER MANNVILLE LL	87.0	<0.08		6.4		6.4	6.4	
UPPER MANNVILLE MM	119.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE RR	131.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE SS	650.0	0.15		97.5		97.5	64.2	33.3
UPPER MANNVILLE TT	42.1	0.10		4.2		4.2	2.6	1.6
UPPER MANNVILLE UU	113.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE WW	194.0	0.10		19.4		19.4	6.2	13.2
UPPER MANNVILLE XX	140.0	0.15		21.0		21.0	17.7	3.3
UPPER MANNVILLE YY	1 090.0	0.07		76.3		76.3	57.5	18.8
UPPER MANNVILLE H & ZZ	127.0	<0.01		1.1		1.1	1.1	
UPPER MANNVILLE AAA	65.4	0.10		6.5		6.5	1.3	5.2
UPPER MANNVILLE BBB	25.5	0.12		3.1		3.1	2.0	1.1
UPPER MANNVILLE FFF	179.0	0.10		17.9		17.9	8.2	9.7
UPPER MANNVILLE GGG	79.5	0.15		11.9		11.9	4.7	7.2
UPPER MANNVILLE HHH	76.6	0.10		7.7		7.7	2.2	5.5
UPPER MANNVILLE III	26.1	0.10		2.6		2.6	0.1	2.5
UPPER MANNVILLE JJJ	24.2	0.10		2.4		2.4	1.3	1.1
UPPER MANNVILLE KKK	70.0	0.10		7.0		7.0	1.8	5.2
UPPER MANNVILLE PPP	15.0	0.10		1.5		1.5	0.4	1.1
LOWER MANNVILLE A	719.0	0.20		144.0		144.0	125.5	18.5
LOWER MANNVILLE B WATER FLOOD	180.0	0.12	0.06	216.0	108.0	324.0	280.8	43.2
LOWER MANNVILLE E	173.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE F	1 501.0	0.07		105.0		105.0	79.2	25.8
LOWER MANNVILLE H	677.0	0.07		47.4		47.4	41.9	5.5
LOWER MANNVILLE J	817.0	0.05		40.9		40.9	32.8	8.1
LOWER MANNVILLE K	1 330.0	0.10		133.0		133.0	86.0	47.0
LOWER MANNVILLE M	49.5	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE N	84.9	0.15		12.7		12.7	9.7	3.0
LOWER MANNVILLE O	411.0	0.10		41.1		41.1	16.5	24.6
LOWER MANNVILLE P	82.0	0.10		8.2		8.2	0.4	7.8
LOWER MANNVILLE Q	455.0	0.05		22.8		22.8	11.1	11.7
LOWER MANNVILLE R	59.1	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE S	43.4	<0.07		2.7		2.7	2.7	
LOWER MANNVILLE U	111.0	0.10		11.1		11.1	7.7	3.4
LOWER MANNVILLE W	261.0	0.05		13.1		13.1	9.5	3.6
LOWER MANNVILLE X	165.0	0.10		16.5		16.5	10.0	6.5
LOWER MANNVILLE Y	84.2	0.10		8.4		8.4	4.4	4.0
LOWER MANNVILLE Z	288.0	0.10		28.8		28.8	24.6	4.2
LOWER MANNVILLE AA	604.0	0.03		18.1		18.1	7.1	11.0
LOWER MANNVILLE BB	639.0	0.10		63.9		63.9	29.8	34.1
LOWER MANNVILLE DD	94.1	0.10		9.4		9.4	1.2	8.2
LOWER MANNVILLE EE	102.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE FF	35.4	0.15		5.3		5.3	2.3	3.0
LOWER MANNVILLE GG	92.0	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST PRODUCED AND REMARKS
ha	m	frac	frac	frac	m³/m³	kg/m³	°C	kPa	m		
65	1.22	0.220	0.30	0.88	[illegible]	[illegible]	32	11 300	[illegible]	[illegible]	[illegible]
65	1.52	0.240	0.26	0.88	[illegible]	946	32	10 900	[illegible]	[illegible]	87 12 - [illegible]
253	1.14	0.230	0.22	0.88	50	928	30	11 090	1 014.[illegible]	[illegible]	[illegible]
316	3.00	0.220	0.42	0.91	54	898	33	10 560	[illegible]	1970	88 03 - [illegible]
65	2.44	0.230	0.36	0.88	43	965	32	10 860	[illegible]	1972	[illegible] 03 - [illegible]
65	11.58	0.210	0.33	0.88	53	898	32	11 340	[illegible]	[illegible]	[illegible] 12 - [illegible]
170	1.81	0.190	0.27	0.88	50	876	31	10 870	[illegible]	1973	85 12 - [illegible]
64	4.31	0.170	0.30	0.88	57	921	31	11 270	[illegible]	1976	85 11
64	2.00	0.200	0.20	0.88	53	865	34	10 [illegible]	987.9	1972	83 [illegible]
64	5.48	0.230	0.20	0.89	72	890	31	11 030	1 030.[illegible]	1978	85 06
60	4.30	0.270	0.17	0.86	99	887	31	11 070	1 027.[illegible]	1979	84 03 - [illegible]
83	1.60	0.210	0.23	0.87	54	887	28	9 970	[illegible]	1979	84 07 [illegible]
32	2.76	0.170	0.35	0.88	58	900	30	10 424	994.3	1980	89 [illegible]
67	4.30	0.250	0.23	0.87	69	882	28	11 315	1 032.9	1980	90 [illegible]
117	6.21	0.240	0.15	0.81	39	891	33	11 37[illegible]	1 024.0	1980	85 02 - [illegible]
32	3.40	0.220	0.15	0.88	68	887	34	11 060	1 026.5	1978	88 [illegible]
32	3.00	0.220	0.23	0.90	48	925	31	9 698	1 018.0	1980	86 12 - [illegible]
90	2.00	0.180	0.30	0.88	45	874	34	10 154	1 011.3	1980	86 [illegible]
32	2.00	0.260	0.13	0.88	48	856	32	10 506	1 014.0	1980	[illegible]
32	3.60	0.160	0.35	0.88	68	888	31	11 483	1 029.1	[illegible]	83 12 - [illegible]
64	1.80	0.170	0.28	0.88	41	904	35	10 833	1 012.9	1974	[illegible] 02
96	2.30	0.200	0.29	0.88	49	868	31	11 320	991.1	1981	[illegible] 06 - [illegible]
16	4.00	0.220	0.30	0.88	50	930	32	10 096	995.0	[illegible]	[illegible] 12 - ABAND 90 05
16	6.50	0.200	0.35	0.88	51	934	32	10 315	965.0	1982	[illegible] 06 - ABAND 90 05
32	4.30	0.180	0.40	0.88	50	888	31	8 190	990.2	1980	[illegible] 12 - [illegible]
100	6.88	0.150	0.30	0.90	39	885	33	11 108	1 029.7	1979	[illegible] 12
16	2.50	0.180	0.35	0.90	39	885	33	11 051	1 023.8	1979	[illegible] 12
32	2.00	0.250	0.20	0.88	50	892	29	9 825	1 017.3	1983	[illegible] 12 - ABAND 89 07
64	2.57	0.220	0.39	0.88	50	895	28	9 372	953.[illegible]	1984	[illegible] 04
54	2.72	0.180	0.40	0.88	50	871	30	10 962	971.[illegible]	1984	87 12
65	8.23	0.300	0.20	0.85	57	898	32	11 163	1 008.9	1971	87 12 - [illegible]
64	1.82	0.202	0.40	0.90	27	946	32	11 915	951.3	1973	85 06 - ABAND [illegible]
16	3.30	0.210	0.33	0.88	51	921	30	10 510	959.0	1985	85 12
16	1.30	0.200	0.32	0.90	39	888	30	10 975	1 002.4	1985	87 12 - GPP
32	3.65	0.260	0.33	0.88	35	966	30	11 035	920.9	1986	89 08
30	2.20	0.190	0.28	0.88	42	886	33	10 431	1 009.0	1987	89 12
16	2.50	0.259	0.16	0.88	42	910	33	9 507	1 026.3	1987	88 06
16	1.00	0.235	0.27	0.95	35	964	29	9 423	921.2	1987	88 06
16	2.00	0.140	0.40	0.90	42	910	33	11 554	967.0	1987	88 07
16	2.80	0.240	0.26	0.88	71	910	32	9 338	1 022.1	1988	88 10
16	1.20	0.170	0.51	0.91	38	932	33	9 765	1 024.6	1989	90 07
228	2.56	0.200	0.30	0.88	41	904	32	10 200	924.8	1962	88 12 - GPP
655	2.24	0.220	0.38	0.90	41	904	31	10 430	945.8	1964	89 02 - GPP
65	2.74	0.170	0.35	0.88	41	881	32	11 030	1 008.5	1970	71 03 - ABAND 71 10
329	3.05	0.250	0.32	0.88	53	876	30	10 490	975.7	1971	87 12 - GPP
65	6.10	0.300	0.35	0.88	54	904	32	10 480	963.5	1969	85 12 - GPP
128	4.63	0.224	0.30	0.88	53	855	36	11 280	1 026.9	1972	[illegible] 12
266	3.43	0.267	0.36	0.85	59	898	29	10 540	973.5	1977	88 12
32	2.00	0.150	0.40	0.86	64	888	35	9 881	1 052.0	1979	83 12 - SUSP 80 08
32	2.10	0.210	0.32	0.88	58	888	30	10 100	1 047.7	1979	88 12
192	1.81	0.190	0.31	0.90	10	912	32	10 655	968.8	1980	83 05
64	1.80	0.160	0.50	0.89	50	912	31	11 728	985.3	1970	83 12 - SUSP 87 12
32	13.20	0.210	0.43	0.90	34	939	34	11 192	1 015.9	1980	81 09 - GPP
16	3.60	0.190	0.40	0.90	43	939	34	10 421	1 024.8	1981	82 03 - SUSP 83 05
32	2.00	0.110	0.30	0.88	58	878	29	10 678	1 049.5	1981	88 12 - SUSP 86 07
16	5.70	0.190	0.29	0.90	40	914	34	11 177	1 050.1	1981	84 10 - GPP
32	8.00	0.210	0.46	0.90	41	923	28	10 238	961.0	1981	82 09 - GPP
32	6.60	0.160	0.44	0.87	65	890	31	9 950	1 043.1	1980	84 11
16	5.00	0.180	0.35	0.90	41	897	31	10 969	1 029.9	1982	82 12 - GPP
128	2.49	0.176	0.41	0.90	41	917	31	10 367	937.3	1982	84 12
64	7.53	0.220	0.40	0.95	24	930	33	10 411	963.7	1982	85 12 - GPP
64	7.70	0.210	0.35	0.95	19	908	32	10 374	968.4	1982	89 12 - GPP
32	4.43	0.150	0.48	0.85	67	875	32	10 103	1 032.0	1973	84 11 - GPP
16	6.20	0.190	0.40	0.90	40	933	31	7 548	974.3	1982	83 05 - SUSP 84 12
32	1.00	0.200	0.35	0.85	67	875	32	10 951	1 042.0	1982	88 12 - SUSP 90 02
32	2.20	0.220	0.34	0.90	42	916	32	8 862	955.1	1982	83 06 - SUSP 84 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ALDERSON 015-11W4 (CONTINUED)								
LOWER MANNVILLE HH	200.0	0.05		10.0		10.0	8.3	1.7
LOWER MANNVILLE II	68.4	<0.02		0.8		0.8	0.8	
LOWER MANNVILLE JJ	210.0	0.05		10.5		10.5	8.6	1.9
LOWER MANNVILLE KK	243.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE LL	99.5	0.10		10.0		10.0	4.1	5.9
LOWER MANNVILLE MM	544.0	0.10		54.4		54.4	15.6	38.8
LOWER MANNVILLE NN	165.0	0.10		16.5		16.5	4.2	12.3
LOWER MANNVILLE OO	46.7	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE PP	148.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE QQ	1 800.0	0.17		306.0		306.0	182.9	123.1
LOWER MANNVILLE TT	101.0	0.20		20.2		20.2	15.5	4.7
LOWER MANNVILLE UU	114.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE VV	103.0	0.10		10.3		10.3	5.9	4.4
LOWER MANNVILLE XX	43.4	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE YY	41.8	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE ZZ	76.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE AAA	538.0	0.15		80.7		80.7	69.4	11.3
LOWER MANNVILLE BBB	31.7	<0.03		0.9		0.9	0.9	
LOWER MANNVILLE CCC	54.1	0.15		8.1		8.1	5.8	2.3
LOWER MANNVILLE DDD	28.6	0.10		2.9		2.9	2.6	0.3
LOWER MANNVILLE EEE	10.3	<0.03		0.3		0.3	0.3	
LOWER MANNVILLE FFF	44.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE HHH	32.5	0.10		3.3		3.3	2.6	0.7
LOWER MANNVILLE III	25.7	0.10		2.6		2.6	1.2	1.4
LOWER MANNVILLE KKK	27.9	0.10		2.8		2.8	2.4	0.4
LOWER MANNVILLE MMM	76.0	0.05		3.8		3.8	2.5	1.3
LOWER MANNVILLE OOO	13.2	<0.02		0.2		0.2	0.2	
LOWER MANNVILLE QQQ	128.0	0.15		19.2		19.2	4.4	14.8
LOWER MANNVILLE RRR	46.3	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE TTT	47.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE UUU	89.9	0.03		2.7		2.7	1.9	0.8
LOWER MANNVILLE A2A	600.0	0.25		150.0		150.0	118.8	31.2
LOWER MANNVILLE C2C	229.0	0.10		22.9		22.9	0.2	22.7
LOWER MANNVILLE D2D	57.7	0.15		8.7		8.7	5.9	2.8
LOWER MANNVILLE G2G	9.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE H2H	370.0	0.13		48.1		48.1	41.2	6.9
LOWER MANNVILLE I2I	51.2	0.10		5.1		5.1	0.9	4.2
LOWER MANNVILLE J2J	77.8	0.10		7.8		7.8	5.4	2.4
LOWER MANNVILLE K2K	80.0	0.15		12.0		12.0	3.7	8.3
LOWER MANNVILLE L2L	106.0	0.12		12.7		12.7	12.4	0.3
LOWER MANNVILLE M2M	1 149.0	0.10		115.0		115.0	29.8	85.2
DETRITAL A	178.0	0.10		17.8		17.8	6.7	11.1
DETRITAL B	151.0	0.10		15.1		15.1	6.8	8.3
DETRITAL C	77.4	0.10		7.7		7.7	6.7	1.0
DETRITAL D	146.0	<0.01		0.4		0.4	0.4	
DETRITAL F	143.0	<0.03		3.6		3.6	3.6	
DETRITAL G	217.0	0.05		10.8		10.8	0.1	10.7
DETRITAL H	448.0	0.05		22.4		22.4	0.6	21.8
DETRITAL I	32.6	0.10		3.3		3.3	0.3	3.0
ARCS B	388.0	0.02		7.8		7.8	3.2	4.6
ARCS C	171.0	0.05		8.6		8.6	0.2	8.4
ALEXANDER 056-27W4								
BASAL QUARTZ D	175.0	<0.01		0.6		0.6	0.6	
BASAL QUARTZ E	126.0	0.08		10.1		10.1	6.4	3.7
BASAL QUARTZ G	178.0	0.10		17.8		17.8	11.2	6.6
WABAMUN B	513.0	<0.01		0.3		0.3	0.3	
WABAMUN C	41.9	0.10		4.2		4.2	1.8	2.4
WABAMUN D	153.0	<0.01		1.0		1.0	1.0	
WABAMUN E	67.6	0.15		10.1		10.1	7.3	2.8
WABAMUN F	62.5	0.10		6.3		6.3	2.2	4.1
ALEXIS 055-04W5								
OSTRACOD A	159.0	<0.01		0.7		0.7	0.7	
OSTRACOD B	296.0	0.04		11.8		11.8	9.8	2.0
BANFF A	7 580.0	0.15		1 140.0		1 140.0	506.6	633.4
ALTARIO 035-01W4								
MCLAREN A	82.3	0.05		4.1		4.1	1.8	2.3
GLAUCONITIC A	86.6	<0.01		0.1		0.1	0.1	
GLAUCONITIC B	72.4	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	[illegible]
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
56	2.38	0.280	0.39	0.88	47	904	34	10 [illegible]	[illegible]	1982	[illegible]
16	3.30	0.240	0.40	0.90	39	[illegible]	34	[illegible]	[illegible]	1982	[illegible] ABAND 86 11
16	13.00	0.190	0.41	0.90	41	933	33	10 [illegible]	973.1	1982	[illegible]
32	8.50	0.178	0.43	0.88	50	907	33	10 [illegible]	[illegible]	1983	[illegible] SUSP 84 09
32	3.60	0.160	0.40	0.90	41	910	28	10 142	934.1	1982	[illegible]
64	7.50	0.180	0.30	0.90	42	890	31	11 [illegible]	1 [illegible]	1983	[illegible]
64	2.00	0.220	0.35	0.90	42	887	30	9 [illegible]	[illegible]	1983	[illegible]
16	3.00	0.170	0.35	0.88	52	931	29	9 [illegible]	[illegible]	1983	[illegible] - [illegible]
16	6.70	0.230	0.32	0.88	52	928	33	10 [illegible]	951.8	1983	[illegible] - [illegible]
404	4.57	0.180	0.37	0.86	100	894	30	10 710	983.4	1982	88 [illegible]
32	2.72	0.210	0.38	0.89	41	927	27	10 [illegible]	[illegible]	1983	[illegible]
16	5.20	0.240	0.35	0.88	50	930	34	10 [illegible]	1 019.[illegible]	1982	[illegible] - [illegible]
16	6.10	0.200	0.40	0.88	50	943	33	10 373	[illegible]	1983	84 [illegible]
32	1.00	0.230	0.33	0.88	50	915	30	11 120	1 [illegible]	1984	89 [illegible] - [illegible]
16	3.60	0.150	0.45	0.88	50	890	31	10 254	1 037.2	1983	88 [illegible] - [illegible]
16	5.00	0.180	0.40	0.88	50	882	31	10 379	1 [illegible]	1983	[illegible] 10 - [illegible]
64	5.90	0.240	0.34	0.90	37	877	29	10 [illegible]	963.7	1971	87 12 - [illegible]
16	1.20	0.250	0.25	0.88	42	904	32	10 904	1 [illegible]	[illegible]	88 [illegible] ABAND 89 06
16	3.90	0.170	0.40	0.85	65	902	31	10 669	1 030.2	1982	[illegible] 12
16	2.50	0.140	0.40	0.85	65	902	31	10 915	1 043.9	1982	[illegible]
16	0.60	0.180	0.32	0.88	53	895	30	10 205	988.8	1984	[illegible] ABAND 87 12
16	2.50	0.180	0.30	0.88	67	875	33	10 135	1 [illegible]	1984	89 12 SUSP 87 08
16	2.10	0.200	0.45	0.88	54	928	30	10 064	961.0	[illegible]	84 [illegible]
16	1.80	0.160	0.38	0.90	40	904	30	10 910	1 022.8	1973	[illegible] GPP
32	1.00	0.180	0.45	0.88	53	897	30	10 251	982.8	1984	86 [illegible]
32	2.50	0.180	0.40	0.88	50	900	32	9 755	929.1	1984	86 [illegible]
16	1.00	0.180	0.48	0.88	50	925	30	9 264	932.2	1984	[illegible] ABAND [illegible]
32	4.00	0.180	0.37	0.88	50	880	30	9 239	995.7	1984	89 [illegible]
16	2.20	0.220	0.35	0.92	33	880	30	9 917	976.1	1984	85 [illegible] ABAND 88 10
16	3.90	0.170	0.50	0.90	42	871	31	11 380	1 004.0	1985	[illegible] SUSP 85 06
16	5.40	0.170	0.32	0.90	42	890	33	11 012	1 040.2	1984	90 [illegible] GPP
113	5.37	0.190	0.39	0.85	64	892	32	10 824	983.0	1962	88 [illegible] GPP
32	4.90	0.220	0.30	0.95	26	920	21	10 312	961.7	1985	[illegible]
32	1.50	0.210	0.35	0.88	53	895	28	10 850	981.2	1984	87 [illegible]
16	1.40	0.160	0.70	0.87	59	825	29	10 434	993.5	1986	87 [illegible] ABAND 88 03
99	2.92	0.260	0.44	0.88	53	876	30	10 477	977.5	1971	87 [illegible] GPP
16	4.30	0.160	0.44	0.83	66	830	39	10 105	996.9	1987	88 02
32	3.00	0.170	0.47	0.90	45	869	29	9 030	950.5	1988	88 [illegible]
24	3.63	0.170	0.35	0.83	67	852	39	9 271	996.8	1987	[illegible]
32	3.09	0.180	0.30	0.85	48	904	32	10 632	959.0	1962	[illegible]
380	3.56	0.160	0.39	0.87	59	886	29		965.1	[illegible]	[illegible]
64	2.50	0.200	0.37	0.88	50	902	31	12 975	1 045.0	1983	83 07
64	3.03	0.170	0.48	0.88	52	895	33	10 480	985.8	1983	[illegible] 12
32	2.50	0.200	0.45	0.88	52	888	31	10 604	993.0	1983	86 [illegible]
64	2.10	0.190	0.35	0.88	52	893	31	7 786	978.2	1985	85 08 - [illegible]
32	3.40	0.230	0.33	0.85	64	892	32	10 395	991.2	1963	[illegible] 12 - ABAND 89 03
64	4.00	0.190	0.47	0.84	69	892	32		963.3	1988	89 02
64	7.30	0.210	0.45	0.83	66	852	39	10 705	983.1	1988	89 05
16	1.80	0.190	0.30	0.85	66	875	32		1 [illegible]	1988	89 [illegible]
64	9.72	0.110	0.37	0.90	40	871	34	12 246	1 354.1	1986	88 [illegible]
64	2.60	0.150	0.23	0.89	49	883	35	12 298	1 348.4	1988	88 10
65	3.05	0.160	0.35	0.85	35	927	38	8 830	1 [illegible]	1968	[illegible] 12 - SUSP [illegible]
64	1.52	0.230	0.34	0.85	66	887	48	9 100	1 234.1	1976	88 [illegible]
64	2.20	0.200	0.21	0.80	90	860	39	7 345	1 225.8	1983	84 10 - GPP
65	10.06	0.124	0.25	0.85	39	927	48	9 100	1 234.1	1968	[illegible] 12 - ABAND [illegible]
16	5.90	0.095	0.44	0.85	64	938	37	9 214	1 [illegible]	1984	85 [illegible]
32	5.00	0.160	0.37	0.95	15	940	43	9 757	1 [illegible]	1983	84 02 - ABAND 86 06
64	2.30	0.090	0.40	0.85	78	939	34	9 429	1 [illegible]	1981	88 12
32	2.70	0.130	0.36	0.87	54	923	38	10 145	1 [illegible]	1985	85 12 - SUSP 88 09
65	2.44	0.160	0.30	0.90	50	921	43	11 380	1 361.8	1968	[illegible] 12 - ABAND [illegible]
65	3.66	0.200	0.30	0.89	44	946	43	11 [illegible]	1 388.1	1970	88 12 - GPP
729	14.36	0.130	0.36	0.87	51	921	43	11 [illegible]	1 373.7	1968	83 09
16	2.90	0.320	0.41	0.94	24	943	28	7 044	821.5	[illegible]	88 12
16	4.00	0.230	0.40	0.98	7	970	30	6 999	857.0	1980	80 10 - SUSP 81 09
16	3.50	0.220	0.40	0.98	7	970	30	7 010	851.8	1980	80 10 - ABAND 86 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
ALTARIO 035-01W4 (CONTINUED)								
GLAUCONITIC C	56.0	<0.01		0.2		0.2	0.2	
CUMMINGS A	327.0	0.05		16.4		16.4	0.1	16.3
BAKKEN A	980.0	0.05		49.0		49.0	9.0	40.0
ARMADA 016-19W4								
UPPER MANNVILLE E	318.0	<0.01		0.4		0.4	0.4	
BASAL QUARTZ C	6.3	<0.05		0.3		0.3	0.3	
ATLEE-BUFFALO 021-06W4								
UPPER MANNVILLE A	77.2	<0.02		1.0		1.0	1.0	
UPPER MANNVILLE F	3 800.0	0.02		76.0		76.0	49.8	26.2
UPPER MANNVILLE G	5 070.0	0.04		203.0		203.0	154.3	48.7
UPPER MANNVILLE K	46.7	0.05		2.3		2.3	1.9	0.4
UPPER MANNVILLE P	413.0	0.05		20.6		20.6	3.3	17.3
UPPER MANNVILLE R	14.0	0.10		1.4		1.4	0.1	1.3
UPPER MANNVILLE S	34.2	<0.01		0.2		0.2	0.2	
GLAUCONITIC A	142.0	0.05		7.1		7.1	1.6	5.5
GLAUCONITIC B	25.1	<0.01		0.2		0.2	0.2	
GLAUCONITIC C	428.0	0.03		12.8		12.8	0.9	11.9
GLAUCONITIC D	151.0	<0.01		0.3		0.3	0.3	
GLAUCONITIC E	29.2	0.10		2.9		2.9	1.1	1.8
OSTRACOD A	22.5	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE B	192.0	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE D	462.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE E	80.0	0.10		8.0		8.0	7.0	1.0
BASAL MANNVILLE F	26.5	<0.06		1.4		1.4	1.4	
BANFF A	188.0	<0.01		0.3		0.3	0.3	
AUBURNDALE 047-06W4								
COLONY F	103.0	<0.01		0.1		0.1	0.1	
WAINWRIGHT A	1 010.0	0.10		101.0		101.0	91.3	9.7
WAINWRIGHT B	1 590.0	0.05		79.5		79.5	37.4	42.1
BADGER 016-18W4								
UPPER MANNVILLE B TOTAL	2 350.0			305.5	393.7	699.2	202.5	496.7
PRIMARY AREA	892.0	0.13		116.0		116.0		
WATER FLOOD AREA	1 458.0	0.13	0.27	189.5	393.7	583.2		
UPPER MANNVILLE D	150.0	0.13		19.5		19.5	11.6	7.9
LOWER MANNVILLE A	101.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	37.4	<0.01		0.1		0.1	0.1	
BANTRY 018-13W4								
MANNVILLE A	25 300.0	0.32		8 100.0		8 100.0	6 917.4	1 182.6
MANNVILLE B	1 756.0	0.15		263.0		263.0	234.2	28.8
MANNVILLE D	4 760.0	0.30		1 428.0		1 428.0	1 130.5	297.5
MANNVILLE F	1 820.0	0.10		182.0		182.0	98.3	83.7
MANNVILLE G	752.0	0.15		113.0		113.0	85.2	27.8
MANNVILLE H	100.0	<0.02		1.7		1.7	1.7	
MANNVILLE I	165.0	0.12		19.8		19.8	19.5	0.3
MANNVILLE J	545.0	<0.01		0.2		0.2	0.2	
MANNVILLE M	1 120.0	0.02		22.4		22.4	12.9	9.5
MANNVILLE O	173.0	0.07		12.1		12.1	10.6	1.5
MANNVILLE P	453.0	0.07		31.7		31.7	23.6	8.1
MANNVILLE R	76.8	<0.01		0.1		0.1	0.1	
MANNVILLE S	70.0	0.07		5.0		5.0	4.2	0.8
MANNVILLE V	82.1	<0.01		0.5		0.5	0.5	
MANNVILLE W	128.0	0.05		6.4		6.4	2.3	4.1
MANNVILLE Z	175.0	0.15		26.3		26.3	13.8	12.5
MANNVILLE AA	183.0	<0.01		0.8		0.8	0.8	
MANNVILLE DD	297.0	0.10		29.7		29.7	10.6	19.1
MANNVILLE FF	1 611.0	<0.17		274.0		274.0	228.7	45.3
MANNVILLE GG	64.2	0.10		6.4		6.4	1.1	5.3
MANNVILLE HH	83.1	<0.01		0.1		0.1	0.1	
MANNVILLE II	169.0	<0.01		0.6		0.6	0.6	
MANNVILLE JJ	11.9	<0.01		0.1		0.1	0.1	
MANNVILLE KK	30.7	0.15		4.6		4.6	2.4	2.2
SUNBURST A	146.0	0.10		14.6		14.6	12.4	2.2
SUNBURST C	300.0	0.20		60.0		60.0	12.8	47.2
DETRITAL A	58.9	0.10		5.9		5.9	3.9	2.0

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	[illegible]
ha	m	frac	frac	frac	m³/m³	kg/m³	°C	kPa	m		
16	1.70	0.280	0.25	0.98	14	985	33	6 268	[illegible]	[illegible]	80 03 - ABAND 83 01
32	6.40	0.280	0.40	0.95	11	985	28	6 318	[illegible]	1989	[illegible]
178	3.15	0.300	0.38	0.94	41	969	31	5 891	[illegible]	1987	[illegible]
64	8.68	0.120	0.47	0.90	62	922	35	[illegible]	[illegible]	1984	88 12 - ABAND 89 08
16	0.60	0.120	0.38	0.88	50	930	[illegible]	[illegible]	[illegible]	1981	[illegible]
16	3.10	0.260	0.37	0.95	32	969	26	9 285	922.[illegible]	1972	89 12 - SUSP 83 03
576	4.00	0.260	0.31	0.92	20	972	31	10 360	[illegible]	1973	[illegible] 12 - GPP
565	4.53	0.280	0.24	0.93	22	969	30	10 032	[illegible]	1980	90 [illegible]
16	1.80	0.280	0.39	0.95	32	969	26	9 266	[illegible]	1977	83 09 - GPP
16	11.80	0.299	0.23	0.95	32	970	26	10 152	988.[illegible]	1986	87 04
16	1.30	0.250	0.72	0.96	22	990	31	10 [illegible]	981.2	1987	89 02 - SUSP 89 06
16	1.50	0.270	0.45	0.96	22	994	31	10 806	912.0	1989	89 12 - ABAND 90 02
16	5.70	0.240	0.30	0.93	31	965	32	8 861	[illegible]	1981	82 04 - SUSP 89 02
16	1.30	0.200	0.35	0.93	30	976	32	8 780	866.9	1982	84 05 - SUSP 84 04
32	7.34	0.290	0.31	0.91	37	979	31	9 946	946.0	1987	90 10 - GPP
16	5.00	0.290	0.30	0.93	27	955	37	10 029	969.2	1986	88 06 - ABAND 89 09
16	1.00	0.280	0.32	0.96	22	990	31	10 191	972.3	1987	88 07
16	1.00	0.220	0.34	0.97	10	980	33	9 230	1 009.2	[illegible]	83 01 - ABAND 88 02
16	9.70	0.220	0.42	0.97	21	986	33	10 690	1 020.2	1976	78 10 - SUSP 77 09
65	6.10	0.220	0.44	0.95	21	990	28	9 450	942.1	[illegible]	77 02 - SUSP 84 11
32	2.40	0.184	0.42	0.97	21	986	33	9 896	1 009.7	1977	82 06 - GPP
16	1.20	0.230	0.38	0.97	21	986	33	10 645	1 013.8	1972	82 06 - SUSP 87 04
16	7.00	0.250	0.30	0.96	15	990	32	10 250	897.2	1982	85 12 - ABAND 89 10
16	4.00	0.270	0.40	0.99	8	971	26	2 529	619.6	1981	82 07 - SUSP 83 11
364	1.61	0.300	0.40	0.96	14	959	24	3 760	630.9	1964	87 12 - GPP
370	1.82	0.316	0.22	0.96	9	959	24	3 860	626.8	1973	81 12 - SUSP 89 03
273					56	930	34	11 853	1 110.3	1980	87 02
125	4.64	0.230	0.24	0.88							
148	6.40	0.230	0.24	0.88							- GPP
139	1.26	0.150	0.35	0.88	55	930	33	12 656	1 114.1	1981	87 12
16	5.90	0.150	0.20	0.90	46	965	38	12 270	1 149.3	1978	79 02 - SUSP [illegible]
16	2.50	0.200	0.48	0.90	43	928	38	12 114	1 183.5	1985	86 04 - ABAND 89 09
4 565	3.44	0.265	0.31	0.88	54	904	28	10 860	990.6	1947	85 11 - GPP
456	2.50	0.250	0.30	0.88	54	904	28	10 790	971.1	1960	88 12 - GPP
925	3.63	0.230	0.30	0.88	54	904	33	10 790	1 021.4	1963	89 08 - GPP
650	1.96	0.250	0.35	0.88	54	904	33	11 200	1 014.4	1962	89 06 - GPP
192	2.65	0.240	0.30	0.88	54	904	28	10 830	979.3	1964	87 12 - GPP
32	2.13	0.230	0.30	0.90	54	904	38	10 930	1 004.3	1965	89 12 - SUSP 87 07
70	1.83	0.230	0.30	0.80	54	904	32	11 030	1 027.5	1964	86 12 - GPP
65	7.01	0.210	0.35	0.88	54	904	33	10 960	1 018.3	1967	68 09 - ABAND 68 07
120	6.06	0.250	0.30	0.88	54	904	36	8 960	1 003.1	1958	85 12 - GPP
32	3.05	0.250	0.10	0.79	57	915	37	11 400	1 012.2	1964	81 12
48	5.50	0.260	0.25	0.88	54	904	28	10 930	974.1	1968	87 12 - GPP
32	2.50	0.220	0.51	0.89	47	910	37	10 578	1 006.3	1979	81 02 - SUSP 80 03
32	1.53	0.250	0.35	0.88	54	904	33	10 551	1 019.1	1948	83 01 - GPP
32	2.70	0.180	0.40	0.88	54	903	31	9 818	973.9	1980	81 12 - SUSP 83 05
32	3.50	0.200	0.35	0.88	54	914	31	9 592	948.5	1980	84 12 - SUSP 88 12
32	4.50	0.200	0.31	0.88	48	883	34	10 596	964.8	1982	85 08
64	2.50	0.200	0.35	0.88	48	893	35	10 304	1 010.5	1982	89 12 - SUSP 87 01
96	2.99	0.210	0.44	0.88	54	887	29	9 339	949.5	1983	83 09 - GPP
337	3.00	0.255	0.29	0.88	54	904	33	10 790	1 014.2	1968	89 12 - GPP
64	1.00	0.190	0.40	0.88	50	893	37	9 188	1 025.3	1984	84 11
64	1.10	0.220	0.39	0.88	53	882	30	10 867	1 005.4	1984	85 05 - SUSP 85 04
64	2.38	0.200	0.37	0.88	49	893	34	9 389	1 019.9	1985	85 10 - ABAND 89 03
16	1.20	0.150	0.53	0.88	49	870	30	8 573	959.1	1985	85 10 - ABAND 86 02
24	1.21	0.200	0.40	0.88	50	890	30	8 621	974.6	1986	88 12
32	5.00	0.160	0.35	0.88	48	880	32	10 414	961.5	1983	86 10
60	4.79	0.200	0.40	0.87	59	886	29	9 082	981.8	1973	90 12 - GPP
32	1.53	0.228	0.40	0.88	42	870	30	8 371	972.0	1983	83 11 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
BANTRY 018-13W4 (CONTINUED)								
DETRITAL B	952.0	0.10		95.2		95.2	48.3	46.9
DETRITAL C	36.0	0.10		3.6		3.6	1.6	2.0
PEKISKO A	66.7	<0.02		0.8		0.8	0.8	
PEKISKO B	172.0	<0.01		0.8		0.8	0.8	
PEKISKO C	134.0	0.10		13.4		13.4	2.6	10.8
PEKISKO G WATER FLOOD	620.0	0.10	0.10	62.0	62.0	124.0	57.9	66.1
PEKISKO J	120.0	0.15		18.0		18.0	12.0	6.0
PEKISKO K	168.0	0.12		20.2		20.2	14.4	5.8
PEKISKO I & SUNBURST B	507.0	0.10		50.7		50.7	21.5	29.2
BARRHEAD 058-05W5								
BANFF A	59.1	<0.02		1.0		1.0	1.0	
BAXTER LAKE 046-05W4								
MANNVILLE C	567.0	<0.01		0.1		0.1	0.1	
WAINWRIGHT	1 340.0	0.17		228.0		228.0	206.8	21.2
WAINWRIGHT C	659.0	0.15		98.9		98.9	44.6	54.3
LLOYDMINSTER A	205.0	<0.01		0.2		0.2	0.2	
BENTON 029-03W4								
MANNVILLE A	82.2	<0.01		0.8		0.8	0.8	
BERRY 027-12W4								
UPPER MANNVILLE J	81.0	<0.01		0.7		0.7	0.7	
UPPER MANNVILLE M	84.5	<0.01		0.6		0.6	0.6	
UPPER MANNVILLE O	41.2	0.10		4.1		4.1	1.6	2.5
LOWER MANNVILLE A	888.0	0.04		35.5		35.5	25.6	9.9
LOWER MANNVILLE F	150.0	0.08		12.0		12.0	7.8	4.2
LOWER MANNVILLE I	52.4	<0.02		0.6		0.6	0.6	
BIGORAY 052-08W5								
PEKISKO A	5 400.0	0.03		162.0		162.0	153.1	8.9
PEKISKO F	21.9	<0.01		0.1		0.1	0.1	
BINDLOSS 022-04W4								
GLAUCONITIC A	43.1	<0.03		1.0		1.0	1.0	
LOWER MANNVILLE A	194.0	0.05		9.7		9.7	5.4	4.3
LOWER MANNVILLE B	166.0	<0.01		0.1		0.1	0.1	
BIRCH 050-11W4								
GENERAL PETROLEUM A	105.0	<0.02		1.4		1.4	1.4	
BLACK BUTTE 001-08W4								
MANNVILLE B	1 019.0	0.05		51.0		51.0	37.3	13.7
BLUERIDGE 059-10W5								
PEKISKO A	1 720.0	<0.01		5.5		5.5	5.5	
BOLLOQUE 065-24W4								
UPPER MANNVILLE A	246.0	0.02		4.9		4.9	2.6	2.3
UPPER MANNVILLE G	1 132.0	0.02		22.6		22.6	3.2	19.4
UPPER MANNVILLE K	664.0	0.02		13.3		13.3	3.1	10.2
BOW ISLAND 011-11W4								
GLAUCONITIC A	5 230.0	0.10		523.0		523.0	278.9	244.1
LOWER MANNVILLE A	49.4	0.10		4.9		4.9	1.1	3.8
LOWER MANNVILLE B	145.0	0.06		8.7		8.7	3.6	5.1
LOWER MANNVILLE C	97.0	0.10		9.7		9.7	7.2	2.5
LOWER MANNVILLE D	173.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE E	101.0	0.08		8.1		8.1	3.6	4.5
SAWTOOTH B	480.0	0.10		48.0		48.0		48.0
BUFF COULEE 047-07W4								
COLONY H	139.0	<0.01		0.3		0.3	0.3	
CAPRON 026-03W4								
BANFF A	27.9	<0.01		0.2		0.2	0.2	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	STATUS DATE, REVERSAL AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
160	4.39	0.230	0.33	0.88	50	882	30	10 [illegible]	975.4	1984	88 [illegible]
16	3.20	0.160	0.50	0.88	51	880	30	[illegible]	962.8	1986	86 10
16	14.63	0.045	0.30	0.90	53	966	39	10 740	976.[illegible]	1966	68 05 - ABAND [illegible]
55	3.05	0.170	0.33	0.90	40	934	32	10 290	983.0	1976	[illegible] 12 - ABAND 78 05
64	2.00	0.150	0.20	0.87	55	880	33	10 477	1 007.5	1982	83 11
183	6.45	0.080	0.27	0.90	45	896	32	10 000	967.7	1972	90 02
31	10.20	0.065	0.35	0.90	45	896	32	10 639	961.8	1982	90 12
32	8.70	0.090	0.24	0.88	15	884	29		962.8	1984	90 12
123	8.14	0.076	0.26	0.90	15	896	32	10 649	964.7	1983	89 04
32	3.00	0.110	0.30	0.80	51	921	40	9 777	1 222.3	1949	82 12 - SUSP [illegible]
64	3.70	0.330	0.22	0.93	28	959	29	4 450	661.1	1975	86 12 - SUSP [illegible]
307	2.00	0.330	0.31	0.96	18	952	22	3 930	667.8	1947	88 12 - GPP
243	1.24	0.330	0.31	0.96	20	959	20	3 890	629.0	1973	90 09 - GPP
16	10.67	0.240	0.45	0.90	27	927	32	4 128	707.6	1975	78 12 - SUSP 78 12
16	4.10	0.240	0.42	0.90	39	944	36		904.8	1988	89 02 - ABAND 89 09
32	2.47	0.190	0.40	0.90	43	876	37	9 482	1 119.2	1978	83 12 - SUSP 81 11
64	2.00	0.150	0.50	0.88	48	858	34	10 145	1 100.5	1978	88 12 - SUSP 83 09
64	0.70	0.180	0.42	0.88	49	803	45	9 586	1 102.9	1988	88 11
160	4.47	0.210	0.35	0.91	40	891	34	9 670	1 080.1	1964	83 10 - GPP
48	3.23	0.180	0.41	0.91	51	860	42	9 324	1 115.[illegible]	1975	82 12 - SUSP 88 12
64	1.00	0.180	0.50	0.91	36	875	43		1 136.0	1985	87 09 - ABAND 88 04
3 000	4.58	0.072	0.35	0.84	62	915	64	15 070	1 903.8	1962	85 01 - GPP
32	4.20	0.035	0.44	0.83	68	935	65	14 305	1 977.0	1979	86 08 - ABAND 86 09
16	1.50	0.270	0.30	0.95	44	945	31	6 695	785.8	1982	88 12 - SUSP 86 09
32	3.40	0.280	0.33	0.95	22	974	30	9 300	787.9	1971	89 12 - GPP
16	6.10	0.280	0.36	0.95	16	778	40	7 130	786.3	1981	83 01 - SUSP 82 12
16	4.50	0.280	0.45	0.98	3	965	24	4 871	643.8	1980	82 03 - SUSP 84 04
348	2.63	0.200	0.36	0.87	62	915	32	8 520	943.2	1969	88 12 - GPP
2 148	2.07	0.065	0.30	0.85	46	940	54	12 490	1 759.3	1967	74 12 - ABAND 81 03
65	2.44	0.250	0.35	0.96	35	946	21	5 810	863.2	1974	89 12 - GPP
48	13.37	0.270	0.34	0.99	10	971	24	4 474	632.9	1984	87 12
32	11.20	0.290	0.33	0.95	20	973	32	4 377	638.5	1988	90 06
288	9.55	0.260	0.23	0.95	19	920	34	9 876	911.3	1985	86 05 - GPP
16	2.50	0.200	0.35	0.95	16	928	31	10 686	918.8	1979	82 03
32	3.55	0.220	0.39	0.95	21	929	33	5 800	927.5	1980	87 07
64	1.27	0.200	0.37	0.95	16	916	31	10 310	931.4	1984	88 08
32	3.00	0.260	0.27	0.95	20	916	33	10 378	927.0	1985	85 07 - ABAND 89 12
64	2.00	0.220	0.62	0.94	25	886	33	10 213	930.8	1988	90 12
32	7.70	0.270	0.24	0.95	14	905	34		920.7	1989	90 04
16	4.60	0.300	0.30	0.90	18	961	92	3 032	601.7	1976	84 11 - SUSP 85 12
16	3.00	0.130	0.53	0.95	22	965	28	9 289	913.5	1987	88 02 - ABAND 89 05

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
CESSFORD 025-13W4								
BASAL COLORADO A TOTAL	11 830.0			1 799.0	927.5	2 727.0	1 813.8	913.2
PRIMARY AREA	5 650.0	0.15		871.5		871.5		
WATER FLOOD AREA	6 180.0	0.15	0.15	927.0	927.0	1 854.0		
MANNVILLE M & BASAL COLORADO H	227.0	<0.01		0.4		0.4	0.4	
MANNVILLE B	780.0	0.06		46.8		46.8	39.3	7.5
MANNVILLE C	32 000.0	0.09		2 880.0		2 880.0	2 485.7	394.3
MANNVILLE E	286.0	0.10		28.6		28.6	26.6	2.0
MANNVILLE I	139.0	0.10		13.9		13.9	10.1	3.8
MANNVILLE X	190.0	0.15		28.5		28.5	27.2	1.3
MANNVILLE QQ	128.0	<0.04		4.6		4.6	4.6	
MANNVILLE Y & Z	5 360.0	0.15		804.0		804.0	493.5	310.5
MANNVILLE GGG	81.0	<0.07		5.4		5.4	5.4	
MANNVILLE RRR	137.0	0.05		6.9		6.9	3.1	3.8
MANNVILLE VVV	47.6	<0.01		0.4		0.4	0.4	
MANNVILLE WWW	89.1	<0.01		0.5		0.5	0.5	
MANNVILLE XXX	146.0	<0.01		0.2		0.2	0.2	
MANNVILLE L2L	57.7	0.10		5.8		5.8	3.6	2.2
MANNVILLE O2O	104.0	0.10		10.4		10.4	5.8	4.6
MANNVILLE P2P	149.0	<0.01		0.5		0.5	0.5	
MANNVILLE Q2Q	66.0	<0.01		0.1		0.1	0.1	
MANNVILLE T2T	203.0	0.10		20.3		20.3	10.5	9.8
MANNVILLE U2U	75.1	0.10		7.5		7.5	1.2	6.3
MANNVILLE V2V	28.9	0.10		2.9		2.9	2.7	0.2
MANNVILLE Y2Y	50.9	0.15		7.6		7.6	1.7	5.9
COLONY A	55.6	<0.01		0.4		0.4	0.4	
BASAL QUARTZ C	789.0	0.02		15.8		15.8	5.4	10.4
BASAL QUARTZ F	103.0	0.10		10.3		10.3	2.8	7.5
BASAL QUARTZ G	106.0	0.10		10.6		10.6	1.1	9.5
BASAL QUARTZ H	115.0	<0.02		1.5		1.5	1.5	
BASAL QUARTZ I	203.0	0.05		10.1		10.1	0.7	9.4
DETRITAL C	159.0	0.10		15.9		15.9	1.7	14.2
DETRITAL D	246.0	0.05		12.3		12.3	0.3	12.0
PEKISKO A	63.6	<0.03		1.4		1.4	1.4	
CHAUVIN 043-01W4								
MANNVILLE A TOTAL	6 440.0			698.0	549.0	1 247.0	1 208.7	38.3
PRIMARY AREA	341.0	0.08		27.3		27.3		
WATER FLOOD AREA	6 100.0	0.11	0.09	671.0	549.0	1 220.0		
MANNVILLE B	800.0	0.10		80.0		80.0	69.9	10.1
COLONY A	129.0	0.05		6.5		6.5	2.5	4.0
SPARKY A WATER FLOOD	300.0	0.10	0.20	30.0	60.0	90.0	73.9	16.1
SPARKY D	1 510.0	0.08		121.0		121.0	85.1	35.9
SPARKY E	382.0	0.12		45.8		45.8	36.9	8.9
GENERAL PETROLEUM A	234.0	<0.01		0.8		0.8	0.8	
LLOYDMINSTER C	253.0	<0.01		0.1		0.1	0.1	
CUMMINGS A	556.0	0.02		11.1		11.1	7.1	4.0
CHAUVIN SOUTH 042-02W4								
UPPER MANNVILLE D	194.0	<0.01		0.3		0.3	0.3	
COLONY A	556.0	0.05		27.8		27.8	15.4	12.4
COLONY B	833.0	0.03		25.0		25.0	20.8	4.2
COLONY H	567.0	0.10		56.7		56.7	23.5	33.2
COLONY O	231.0	0.05		11.6		11.6	8.3	3.3
COLONY R	194.0	0.05		9.7		9.7	0.5	9.2
SPARKY E TOTAL	5 197.0			779.0	510.0	1 289.0	834.2	454.8
PRIMARY AREA	1 798.0	0.15		269.0		269.0		
WATER FLOOD AREA	3 399.0	0.15	0.15	510.0	510.0	1 020.0		
SPARKY H TOTAL	3 335.0			234.0	607.0	841.0	671.7	169.3
PRIMARY AREA	695.0	0.07		48.7		48.7		
WATER FLOOD AREA	2 640.0	0.07	0.23	185.0	607.0	792.0		
SPARKY M	501.0	0.04		20.0		20.0	11.6	8.4
SPARKY T	66.6	0.07		4.7		4.7	3.9	0.8
SPARKY W	234.0	<0.02		2.6		2.6	2.6	
SPARKY X	1 053.0	0.05		52.6		52.6	38.2	14.4
SPARKY Z	70.6	<0.01		0.3		0.3	0.3	
SPARKY AA	60.2	<0.01		0.1		0.1	0.1	
SPARKY CC	89.9	0.06		5.4		5.4	4.5	0.9
SPARKY DD	23.9	0.10		2.4		2.4	0.5	1.9
SPARKY EE	16.3	0.05		0.8		0.8	0.1	0.7

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	[illegible]	[illegible]
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
3 238					15	898	21	8 120	[illegible]	[illegible]	[illegible]
1 691	2.36	0.258	0.39	0.90							
1 547	3.03	0.240	0.39	0.90							
128	1.69	0.232	0.48	0.87	50	904	33	9 [illegible]	1 056.[illegible]	1955	[illegible]
403	1.89	0.230	0.50	0.89	44	904	35	9 [illegible]	1 [illegible]	1952	[illegible] 12 - [illegible]
4 224	6.57	0.220	0.43	0.92	44	910	31	9 760	1 019.[illegible]	[illegible]	[illegible]
66	3.90	0.247	0.48	0.87	44	904	37	9 680	1 040.0	[illegible]	[illegible] - GPP
65	2.44	0.220	0.54	0.87	45	892	31	9 720	1 033.3	1951	[illegible] - SUSP [illegible]
64	3.10	0.200	0.45	0.87	45	892	31	8 040	1 019.[illegible]	1968	[illegible]
65	1.52	0.200	0.30	0.90	44	915	32	8 760	1 024.4	1974	77 [illegible] - SUSP 82 [illegible]
1 881	2.55	0.204	0.37	0.87	45	892	35	9 550	1 010.[illegible]	1951	85 [illegible]
64	1.50	0.210	0.55	0.89	49	904	32	8 840	1 011.8	[illegible]	88 12 - [illegible]
32	3.00	0.230	0.31	0.90	25	919	32	7 905	1 025.[illegible]	1980	82 06
32	1.74	0.190	0.50	0.90	31	920	33	7 450	1 023.[illegible]	1981	82 07 - SUSP 83 12
32	3.20	0.200	0.50	0.87	40	944	36	9 884	1 061.3	[illegible]	[illegible]
32	4.45	0.193	0.41	0.90	38	910	39	8 008	1 054.2	1982	[illegible]
32	2.40	0.180	0.52	0.87	55	910	31	9 550	992.4	[illegible]	[illegible]
64	1.50	0.220	0.40	0.82	78	755	30	9 548	1 102.3	1985	[illegible] 12
64	2.00	0.230	0.45	0.92	33	919	34	9 322	1 042.0	[illegible]	86 06 - ABAND 90 03
32	2.50	0.230	0.61	0.92	33	909	34	9 368	1 036.8	1986	86 08 - ABAND 89 08
64	3.97	0.170	0.46	0.87	45	895	31	8 474	1 027.3	1987	89 [illegible]
64	1.50	0.170	0.50	0.92	33	864	38	8 233	1 183.8	1983	81 [illegible]
32	1.00	0.180	0.43	0.88	45	907	45	9 184	1 182.0	1984	84 02
32	2.00	0.160	0.46	0.92	33	919	34	9 799	1 002.2	1988	[illegible] 06
16	3.00	0.230	0.44	0.90	40	955	38	8 646	860.5	[illegible]	88 12 - [illegible]
192	6.55	0.140	0.46	0.83	56	865	40	9 250	1 302.9	1980	89 12
64	3.00	0.150	0.60	0.89	40	859	32	9 679	996.8	[illegible]	[illegible]
64	2.00	0.176	0.49	0.92	33	890	34	10 548	996.5	1987	88 03
64	1.30	0.240	0.36	0.90	39	896	34	9 721	998.5	1987	88 03 - ABAND 89 06
32	7.20	0.170	0.39	0.85	67	875	31		989.3	1989	90 11
32	5.80	0.150	0.37	0.90	39	896	27	9 389	1 013.8	1987	88 03 - SUSP 89 04
32	7.50	0.180	0.38	0.92	33	919	34	9 407	1 042.3	1987	88 08
65	1.83	0.100	0.40	0.89	66	844	44	9 580	1 277.1	1959	61 09 - ABAND 68 [illegible]
844					14	921	24	4 830	630.0	1952	89 12
64	3.30	0.300	0.44	0.96							
780	4.85	0.300	0.44	0.96							- GPP
191	2.24	0.300	0.35	0.96	14	921	24	4 830	615.7	1954	84 12 - GPP
16	3.90	0.320	0.35	0.99	15	951	26	4 280	571.[illegible]	1986	87 05
130	1.82	0.240	0.45	0.96	14	922	24	5 540	625.[illegible]	1980	90 12
655	1.27	0.300	0.37	0.96	17	950	24	4 712	589.6	1974	84 12
170	1.18	0.320	0.38	0.96	17	943	24	4 340	612.6	[illegible]	88 12
32	3.37	0.310	0.28	0.97	13	950	24	4 664	636.7	1979	89 12 - SUSP 87 02
16	6.20	0.310	0.17	0.99	14	955	26	4 935	667.[illegible]	1985	88 12 - ABAND [illegible]
64	4.44	0.290	0.29	0.95	21	956	26	4 452	637.6	1962	82 09 - GPP
16	5.40	0.320	0.23	0.91	45	985	24	4 292	608.9	1979	80 [illegible] - SUSP 80 12
64	4.42	0.292	0.30	0.95	14	927	25	4 220	608.1	1963	87 05 - SUSP 89 09
40	9.45	0.320	0.29	0.97	9	972	33	4 010	592.2	1968	88 12 - GPP
80	3.36	0.300	0.29	0.99	12	956	24	4 080	564.6	1977	85 12 - SUSP 89 [illegible]
32	3.53	0.310	0.32	0.97	20	940	35	4 030	568.2	1983	86 12
16	6.40	0.300	0.35	0.97	18	930	25		634.4	1985	89 08
1 107					14	910	24	4 790	643.8	1969	90 08
413	2.11	0.290	0.26	0.96							
694	2.38	0.290	0.26	0.96							- GPP
503					20	898	28	4 730	628.3	1971	87 12
109	2.58	0.307	0.16	0.96							
394	2.77	0.300	0.16	0.96							- GPP
64	3.70	0.310	0.29	0.96	16	921	10	5 020	610.8	1973	87 12
48	1.00	0.260	0.45	0.97	12	945	29	4 672	650.8	1979	87 12 - GPP
32	6.28	0.240	0.50	0.97	12	925	25	4 570	658.0	1982	83 05 - ABAND 87 10
248	1.89	0.300	0.22	0.96	18	933	20	4 635	622.6	1977	89 08
16	2.50	0.280	0.35	0.97	10	946	33	4 702	610.4	1983	88 12 - ABAND 84 08
32	1.00	0.280	0.30	0.96	20	898	28	4 690	652.5	1981	88 12 - SUSP 84 07
32	1.50	0.300	0.35	0.96	15	915	26	6 584	655.8	1981	89 12
16	1.00	0.280	0.45	0.97	13	913	24	4 708	610.8	1983	89 01
8	1.20	0.280	0.37	0.96	18	930	22	4 717	618.9	1980	89 08

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
CHAUVIN SOUTH 042-02W4 (CONTINUED)								
SPARKY N, R & S	1 910.0	0.05		95.6		95.6	75.8	19.8
SPARKY A, B & GEN PET A TOTAL	12 560.0			559.0	1 568.0	2 127.0	1 570.6	556.4
PRIMARY AREA	4 605.0	0.03		138.0		138.0		
WATER FLOOD AREA	7 955.0	0.05	0.19	421.0	1 568.0	1 989.0		
GENERAL PETROLEUM B	9.3	0.10		1.0		1.0	0.6	0.4
REX A	90.4	<0.02		1.0		1.0	1.0	
LLOYDMINSTER C TOTAL	16 350.0			852.0	205.0	1 057.0	691.8	365.2
PRIMARY AREA	12 930.0	0.05		647.0		647.0		
WATER FLOOD AREA	3 420.0	0.06	0.06	205.0	205.0	410.0		
LLOYDMINSTER E	430.0	0.10		43.0		43.0	20.8	22.2
LLOYDMINSTER F	373.0	<0.02		6.9		6.9	2.8	4.1
LLOYDMINSTER J	157.0	0.05		7.9		7.9	2.3	5.6
DINA A	107.0	<0.01		0.1		0.1	0.1	
DINA B	186.0	<0.01		0.2		0.2	0.2	
DINA C	571.0	0.05		28.5		28.5	1.6	26.9
CAMROSE A	22.2	0.10		2.2		2.2	0.5	1.7
LEDUC A	321.0	0.05		16.1		16.1	0.9	15.2
CHERHILL 056-05W5								
BANFF C	3 560.0	0.05		178.0		178.0	91.2	86.8
BANFF F	13 800.0	0.10		1 380.0		1 380.0	304.1	1 075.9
BANFF Q	113.0	<0.01		0.2		0.2	0.2	
BANFF V	217.0	0.03		6.5		6.5	4.9	1.6
CHIGWELL 041-24W4								
MANNVILLE C	342.0	<0.01		1.7		1.7	1.7	
CHIN COULEE 007-14W4								
GLAUCONITIC A	221.0	0.05		11.1		11.1	1.0	10.1
GLAUCONITIC B	134.0	0.05		6.7		6.7	1.3	5.4
BASAL MANNVILLE A TOTAL	4 058.0			406.0	702.0	1 108.0	898.5	209.5
PRIMARY AREA	548.0	0.10		54.8		54.8		
WATER FLOOD AREA	3 510.0	0.10	0.20	351.0	702.0	1 053.0		
SAWTOOTH A	30.5	0.10		3.1		3.1	0.8	2.3
COMPEER 033-02W4								
LOWER MANNVILLE A	118.0	<0.07		8.2		8.2	8.2	
LOWER MANNVILLE B	158.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	239.0	0.08		19.1		19.1	10.7	8.4
BANFF A	311.0	0.05		15.6		15.6	7.2	8.4
BANFF B	255.0	0.08		20.4		20.4	16.3	4.1
BANFF D	43.0	0.05		2.2		2.2	0.4	1.8
BANFF E	57.6	0.05		2.9		2.9	0.2	2.7
CONNORSVILLE 025-15W4								
LOWER MANNVILLE C	27.0	<0.01		0.1		0.1	0.1	
CONRAD 006-15W4								
ELLIS	2 540.0	0.21		533.0		533.0	519.7	13.3
SAWTOOTH A	182.0	0.10		18.2		18.2	2.6	15.6
SAWTOOTH B	72.6	0.10		7.3		7.3	5.9	1.4
SAWTOOTH C	89.4	0.10		8.9		8.9	1.7	7.2
COUNTESS 021-16W4								
UPPER MANNVILLE B TOTAL	3 920.0			588.0	900.0	1 488.0	1 265.1	222.9
PRIMARY AREA	320.0	0.15		48.0		48.0		
WATER FLOOD AREA	3 600.0	0.15	0.25	540.0	900.0	1 440.0		
UPPER MANNVILLE D TOTAL	12 500.0			1 250.0	4 920.0	6 170.0	5 702.1	467.9
PRIMARY AREA	202.0	0.10		20.2		20.2		
WATER FLOOD AREA	12 300.0	0.10	0.40	1 230.0	4 920.0	6 150.0		
UPPER MANNVILLE F TOTAL	1 810.0			170.0	445.0	615.0	586.8	28.2
PRIMARY AREA	220.0	0.05		11.0		11.0		
WATER FLOOD AREA	1 590.0	0.10	0.28	159.0	445.0	604.0		
UPPER MANNVILLE H WATER FLOOD	5 545.0	0.10	0.30	554.5	1 663.5	2 218.0	2 124.6	93.4
UPPER MANNVILLE J	687.0	0.10		68.7		68.7	59.9	8.8

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVISED AND REMARKS
ha	m	frac	frac	frac	m³/m³	kg/m³	°C	kPa	m		
699	1.70	0.270	0.38	0.96	18	921	24	4 522	624.1	1969	83 12
1 475					16	910	31	4 620	651.2	1983	90 09
504	3.93	0.290	0.40	0.96							
971	4.01	0.290	0.30	0.96							- GPP
16	0.40	0.270	0.42	0.93	28	934	30	3 524	443.4	1985	86 03 - SUSP 87 12
16	4.50	0.230	0.40	0.91	14	985	28	5 710	427.8	1985	86 [illegible] - ABAND 88 01
2 624					14	940	25	4 520	665.1	1953	90 11 - GPP
2 058	3.34	0.280	0.30	0.96							
566	3.21	0.280	0.30	0.96							
128	1.84	0.280	0.32	0.96	14	940	24	4 960	683.8	1969	88 12
96	1.90	0.300	0.29	0.96	14	904	27	4 670	690.9	1973	90 12
16	6.00	0.260	0.35	0.97	20	955	27	4 911	650.5	1984	89 12
16	3.05	0.300	0.24	0.97	13	947	27	5 070	672.1	1978	79 01 - SUSP 78 09
16	5.50	0.290	0.24	0.96	12	958	33	3 975	703.3	1985	86 06
74	4.00	0.280	0.29	0.97	9	935	28	4 115	676.5	1988	89 03
16	2.80	0.120	0.57	0.96	13	985	31	4 153	642.0	1969	88 09 - SUSP 81 [illegible]
32	6.40	0.220	0.28	0.99	15	960	25	4 785	657.4	1985	88 10
634	6.30	0.160	0.36	0.87	53	911	45	10 900	1 387.9	1969	90 07
1 064	14.38	0.170	0.39	0.87	46	910	40	9 500	1 465.3	1981	86 06
32	3.78	0.196	0.45	0.87	50	904	45	9 081	1 285.6	1981	86 12 - ABAND 86 01
32	11.54	0.110	0.40	0.89	44	935	50	11 210	1 375.6	1981	86 12
65	4.88	0.170	0.25	0.85	59	887	50	11 310	1 385.6	1969	73 12 - ABAND 73 [illegible]
16	13.50	0.130	0.19	0.97	10	926	33	8 830	877.0	1985	85 08
16	4.50	0.250	0.24	0.98	10	958	27	9 767	928.3	1987	87 01 - SUSP 88 06
1 414					5	915	32	9 791	940.4	1960	89 12 - GPP
190	2.56	0.194	0.40	0.97							
1 224	2.54	0.194	0.40	0.97							
16	1.60	0.200	0.33	0.89	47	953	31	10 048	962.2	1987	87 10 - SUSP 88 06
32	2.80	0.230	0.37	0.92	35	934	32	6 158	898.2	1978	79 10 - ABAND 89 08
16	5.00	0.280	0.25	0.94	27	959	28	7 212	885.3	1980	83 12 - SUSP 80 12
64	2.14	0.320	0.42	0.94	25	960	28	6 324	842.8	1984	87 12
48	5.00	0.210	0.35	0.95	18	959	36	6 856	845.8	1955	90 05 - GPP
32	4.13	0.290	0.30	0.95	21	937	28	7 630	824.8	1984	87 12
16	3.00	0.180	0.47	0.94	18	959	36	7 269	842.0	1987	90 05 - GPP
16	4.60	0.130	0.36	0.94	18	959	36	7 297	844.4	1988	90 05 - GPP
64	1.50	0.080	0.60	0.89	52	893	32	8 890	990.9	1978	79 02 - ABAND 88 08
1 475	1.52	0.198	0.35	0.88	53	904	30	10 340	926.6	1944	85 12 - GPP
96	2.22	0.180	0.46	0.88	52	890	27	9 539	961.8	1986	90 03
32	2.80	0.155	0.45	0.95	19	908	29	8 930	976.3	1983	83 11
32	2.00	0.210	0.30	0.95	18	921	36	10 004	968.0	1980	81 08
624					45	887	37	10 780	1 083.8	1955	87 12
96	2.24	0.220	0.24	0.89							
528	4.09	0.240	0.22	0.89							- GPP
1 621					45	904	36	10 840	1 122.2	1957	89 12
50	2.62	0.234	0.26	0.89							
1 571	4.77	0.240	0.20	0.89							- GPP
226					45	887	34	10 850	1 075.3	1954	88 01 - GPP
64	2.51	0.220	0.30	0.89							
162	6.40	0.230	0.25	0.89							
679	5.35	0.220	0.22	0.89	50	898	32	11 090	1 072.0	1968	86 12 - GPP
208	2.41	0.220	0.30	0.89	44	887	33	10 950	1 075.3	1969	86 12 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
COUNTESS 021-16W4 (CONTINUED)								
UPPER MANNVILLE L	208.0	0.10		20.8		20.8	18.2	2.6
UPPER MANNVILLE M WATER FLOOD	556.0	0.15	0.15	83.4	83.4	167.0	137.6	29.4
UPPER MANNVILLE O WATER FLOOD	2 540.0	0.15	0.32	381.0	814.0	1 195.0	824.4	370.6
UPPER MANNVILLE T	51.0	<0.03		1.2		1.2	1.2	
UPPER MANNVILLE U	170.0	0.10		17.0		17.0	6.6	10.4
UPPER MANNVILLE Y	144.0	0.10		14.4		14.4	5.9	8.5
UPPER MANNVILLE HH	120.0	0.15		18.0		18.0	8.0	10.0
UPPER MANNVILLE JJ	17.7	0.10		1.8		1.8	1.2	0.6
UPPER MANNVILLE KK	133.0	0.05		6.7		6.7	3.8	2.9
UPPER MANNVILLE MM	301.0	0.10		30.1		30.1	8.3	21.8
UPPER MANNVILLE PP	1 800.0	0.15		270.0		270.0	48.2	221.8
UPPER MANNVILLE RR	144.0	0.10		14.4		14.4	5.1	9.3
UPPER MANNVILLE UU	1 600.0	0.10		160.0		160.0	20.0	140.0
UPPER MANNVILLE VV	463.0	0.10		46.3		46.3		46.3
LOWER MANNVILLE A	211.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE C	319.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE F	134.0	0.08		10.7		10.7	6.9	3.8
LOWER MANNVILLE G	251.0	0.05		12.6		12.6	5.8	6.8
LOWER MANNVILLE H	196.0	0.02		3.9		3.9	0.8	3.1
LOWER MANNVILLE I	61.7	<0.01		0.1		0.1		0.1
LOWER MANNVILLE J	105.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE K	87.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE L	257.0	0.02		5.1		5.1	0.7	4.4
LOWER MANNVILLE N	124.0	0.05		6.2		6.2	0.1	6.1
LOWER MANNVILLE O	65.6	0.05		3.3		3.3	0.6	2.7
LOWER MANNVILLE P	117.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE Q	218.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE S	306.0	0.10		30.6		30.6	4.4	26.2
LOWER MANNVILLE T	97.7	0.10		9.8		9.8		9.8
OSTRACOD D	130.0	0.10		13.0		13.0	8.3	4.7
OSTRACOD E & BASAL QUARTZ B	144.0	0.05		7.2		7.2	5.9	1.3
BASAL QUARTZ F	21.0	<0.01		0.1		0.1	0.1	
PEKISKO B	66.6	<0.01		0.1		0.1	0.1	
PEKISKO C	88.1	<0.01		0.1		0.1	0.1	
DINA 045-01W4								
SPARKY	863.0	0.10		86.3		86.3	82.8	3.5
SPARKY B	134.0	0.05		6.7		6.7	4.5	2.2
SPARKY C	83.4	0.05		4.2		4.2	0.1	4.1
EDGERTON 045-04W4								
COLONY G	73.1	0.05		3.7		3.7	1.4	2.3
SPARKY A	95.2	0.05		4.8		4.8	1.7	3.1
SPARKY B	15.1	<0.03		0.4		0.4	0.4	
GENERAL PETROLEUM A	325.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER A	151.0	<0.04		6.0		6.0	6.0	
LLOYDMINSTER B	200.0	<0.01		0.5		0.5	0.5	
LLOYDMINSTER C	53.1	<0.02		0.6		0.6	0.6	
LLOYDMINSTER D	55.6	<0.01		0.1		0.1	0.1	
LLOYDMINSTER E	131.0	0.08		10.5		10.5	9.4	1.1
LLOYDMINSTER F	105.0	0.10		10.5		10.5	6.3	4.2
LLOYDMINSTER G	132.0	0.05		6.6		6.6	4.1	2.5
LLOYDMINSTER H	83.9	0.10		8.4		8.4	6.6	1.8
D-2 D	2 260.0	0.10		226.0		226.0	73.3	152.7
D-2 A & CAMROSE A	909.0	0.10		90.9		90.9	27.9	63.0
ENCHANT 014-16W4								
UPPER MANNVILLE B	219.0	0.06		13.1		13.1	12.4	0.7
UPPER MANNVILLE D	605.0	<0.01		2.6		2.6	2.6	
UPPER MANNVILLE H	40.4	0.10		4.0		4.0	3.8	0.2
UPPER MANNVILLE I	112.0	0.06		6.7		6.7	4.1	2.6
UPPER MANNVILLE M	50.7	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE S	131.0	0.10		13.1		13.1	1.7	11.4
UPPER MANNVILLE T	26.7	0.10		2.7		2.7	0.1	2.6
LOWER MANNVILLE B	332.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE E	122.0	0.10		12.2		12.2	0.4	11.8
LOWER MANNVILLE F	178.0	0.05		8.9		8.9	2.9	6.0
LOWER MANNVILLE I	206.0	0.05		10.3		10.3	3.2	7.1

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	LAST TEST RESULTS AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
65	2.29	0.207	0.24	0.89	45	881	34	10 [illegible]	1 082.3	1971	[illegible]
32	14.02	0.230	0.38	0.86	59	892	38	11 130	1 078.9	1972	78 06 - GPP
170	8.14	0.260	0.17	0.85	51	915	36	10 910	1 067.1	1973	77 12 - [illegible]
65	0.91	0.150	0.34	0.86	60	892	32	10 230	1 044.0	1977	78 12 - SUSP 83 10
32	4.00	0.230	0.35	0.89	41	890	33	9 720	1 079.2	1974	79 02 [illegible]
64	3.50	0.120	0.40	0.89	40	861	36	9 760	1 054.0	1980	81 09 [illegible]
50	1.50	0.230	0.22	0.89	43	887	37	11 036	1 102.3	1983	87 12 [illegible]
16	1.50	0.160	0.48	0.89	47	900	35	9 392	1 077.2	1984	85 03
32	5.00	0.170	0.43	0.86	55	855	38	9 347	1 214.3	1985	89 12 [illegible]
64	3.40	0.210	0.26	0.89	45	823	32	10 824	1 074.1	1986	86 10
271	4.00	0.230	0.19	0.89	45	887	37		1 139.0	1984	90 08
16	8.10	0.190	0.32	0.86	66	872	32		1 069.3	1989	90 11
170	6.20	0.230	0.25	0.88	56	880	32	15 004	1 076.7	1989	90 08
32	8.90	0.240	0.23	0.88	56	880	32	11 617	1 083.1	1989	90 04
32	5.79	0.250	0.50	0.90	41	898	34	11 480	1 105.8	1968	73 12 - ABAND 72 11
65	2.74	0.270	0.25	0.89	42	915	38	10 800	1 139.0	1974	81 12 - ABAND [illegible]
32	4.30	0.190	0.42	0.89	48	892	34	11 066	1 131.1	1973	81 12
64	4.00	0.160	0.28	0.85	66	864	34	10 800	1 113.9	1979	80 11
64	5.00	0.160	0.55	0.85	75	869	36	10 635	1 347.3	1980	84 05 - SUSP 88 01
64	1.80	0.140	0.55	0.85	53	855	41	10 252	1 334.9	1980	88 12 - SUSP 81 05
32	3.60	0.170	0.40	0.89	38	910	37	11 214	1 098.6	1981	82 09 - ABAND 83 03
64	2.00	0.160	0.50	0.85	58	865	40	10 797	1 362.2	1981	83 10 - SUSP 84 05
64	7.50	0.140	0.55	0.85	76	869	36	10 272	1 357.5	1981	84 05 - SUSP 88 01
32	3.30	0.220	0.40	0.89	46	910	36	10 794	1 109.0	1983	84 06
32	2.56	0.150	0.40	0.89	37	862	35	10 685	1 085.3	1981	81 11 - SUSP 88 07
32	3.80	0.180	0.40	0.89	44	900	34	10 385	1 102.6	1979	85 03 - SUSP 85 01
64	4.70	0.165	0.50	0.88	47	898	38	10 178	1 286.5	1984	85 06 - ABAND 86 08
49	5.27	0.210	0.32	0.83	83	839	45	11 715	1 159.7	1989	90 01
16	6.80	0.200	0.49	0.88	43	892	38	10 960	1 105.8	1989	90 05
85	1.50	0.200	0.42	0.88	48	887	38	9 898	1 249.2	1985	87 12 - GPP
64	2.38	0.174	0.36	0.85	47	887	37	10 180	1 293.9	1958	88 09 - GPP
32	1.30	0.175	0.68	0.90	40	905	35	11 010	1 047.8	1981	84 12 - SUSP 84 10
64	4.50	0.040	0.35	0.89	43	864	38	10 300	1 174.3	1980	85 12 - SUSP 83 09
64	3.60	0.060	0.25	0.85	64	875	39	10 472	1 363.7	1981	84 12 - SUSP 85 08
226	2.06	0.290	0.32	0.94	13	972	25	4 340	554.7	1947	85 12 - GPP
32	2.79	0.290	0.46	0.96	10	961	28	4 204	545.2	1985	86 09
32	1.50	0.280	0.36	0.97	13	913	24	4 116	568.8	1988	88 07 - SUSP 89 08
16	2.90	0.250	0.35	0.97	13	938	25	4 052	644.0	1979	82 06
16	8.00	0.200	0.60	0.93	27	855	29	3 445	648.0	1984	85 03
16	1.00	0.280	0.65	0.96	12	955	25	4 217	637.5	1980	86 01 - ABAND 88 08
64	4.20	0.260	0.50	0.93	27	855	29	4 773	640.2	1984	85 05 - SUSP 87 08
16	5.18	0.240	0.21	0.96	12	940	25	4 275	685.3	1975	78 12 - SUSP 83 05
16	4.90	0.330	0.20	0.96	12	934	25	4 260	674.5	1977	78 05 - SUSP 85 01
16	2.00	0.270	0.36	0.96	14	959	33	4 312	655.2	1980	80 07 - SUSP 84 08
16	2.00	0.270	0.33	0.96	12	951	25	4 715	686.5	1980	84 12 - SUSP 83 05
32	1.80	0.300	0.21	0.96	12	946	25	4 311	703.9	1979	85 12 - GPP
16	2.60	0.350	0.26	0.97	12	965	28	4 083	667.7	1985	88 04
16	3.70	0.310	0.25	0.96	17	959	28	3 779	662.7	1980	82 04
16	2.47	0.280	0.21	0.96	15	946	28	4 240	669.0	1976	77 12
341	6.35	0.170	0.36	0.96	17	959	25	4 166	639.6	1983	87 07
110	7.79	0.170	0.35	0.96	17	959	25	4 552	646.6	1984	87 08
64	2.65	0.240	0.40	0.89	48	915	30	11 310	973.7	1966	82 12 - GPP
361	1.52	0.200	0.38	0.89	56	915	27	10 650	983.9	1968	70 02 - SUSP 70 12
16	3.10	0.140	0.35	0.90	46	919	23	11 470	1 014.1	1973	79 12 - SUSP 88 12
65	1.83	0.180	0.38	0.85	62	855	24	10 870	1 015.3	1977	86 12
16	2.50	0.210	0.33	0.90	35	931	60	9 850	1 041.5	1981	83 02 - ABAND 86 09
32	4.00	0.140	0.19	0.90	42	913	33	10 931	994.0	1987	88 05
16	1.70	0.180	0.38	0.88	57	927	34	12 370	1 090.0	1988	88 08
65	4.57	0.220	0.40	0.85	53	855	38	11 510	1 040.9	1968	69 06 - ABAND 69 09
32	3.00	0.220	0.35	0.89	15	922	24	12 130	1 093.9	1978	88 07
64	3.00	0.160	0.35	0.89	53	855	34	11 130	999.8	1978	79 12
16	10.00	0.210	0.28	0.85	67	875	32	11 146	1 023.0	1988	89 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES' 10³m³
ENCHANT 014-16W4 (CONTINUED)								
SUNBURST A	189.0	<0.01		1.8		1.8	1.8	
SUNBURST B	94.6	0.10		9.5		9.5	2.5	7.0
SUNBURST C	74.8	0.10		7.5		7.5	1.3	6.2
ELLIS A	243.0	<0.03		5.6		5.6	5.6	
ELLIS B	168.0	0.20		33.6		33.6	20.3	13.3
ELLIS C	800.0	0.30		240.0		240.0	176.4	63.6
ELLIS D	1 690.0	0.25		423.0		423.0	273.1	149.9
ELLIS E	66.6	0.25		16.7		16.7	0.6	16.1
ELLIS F	322.0	0.10		32.2		32.2	2.7	29.5
ELLIE G	150.0	0.10		15.0		15.0	5.4	9.6
ESTHER 032-02W4								
UPPER MANNVILLE B	1 477.0	0.10		148.0		148.0	102.7	45.3
UPPER MANNVILLE F	88.0	0.10		8.8		8.8	3.9	4.9
UPPER MANNVILLE I	200.0	0.10		20.0		20.0	12.1	7.9
UPPER MANNVILLE J	68.4	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE K	71.9	0.05		3.6		3.6	2.0	1.6
UPPER MANNVILLE L	180.0	0.20		36.0		36.0	22.5	13.5
BANFF G	59.1	0.15		8.9		8.9	6.3	2.6
BANFF H	30.8	0.05		1.5		1.5	0.9	0.6
BAKKEN A	57.9	<0.01		0.2		0.2	0.2	
EYREMORE 018-18W4								
LOWER MANNVILLE A	331.0	<0.01		0.1		0.1	0.1	
FERGUSON 003-17W4								
LOWER MANNVILLE A	373.0	0.05		18.7		18.7	6.2	12.5
GILBY 041-03W5								
RUNDLE K	625.0	0.02		12.6		12.6	10.1	2.5
GLADYS 020-27W4								
RUNDLE D	366.0	<0.01		0.1		0.1	0.1	
GLENEVIS 055-04W5								
BANFF	3 620.0	0.45		1 630.0		1 630.0	1 404.2	225.8
GRAINDALE 026-02W4								
LOWER MANNVILLE C	83.0	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE D	83.0	<0.01		0.1		0.1	0.1	
GRAND FORKS 011-13W4								
UPPER MANNVILLE A	170.0	<0.01		1.0		1.0	1.0	
UPPER MANNVILLE B	2 971.0			446.0	797.0	1 243.0	1 046.4	196.6
TOTAL								
PRIMARY AREA	21.2	0.15		3.2		3.2		
WATER FLOOD AREA	2 950.0	0.15	0.27	443.0	797.0	1 240.0		
UPPER MANNVILLE E	74.3	0.10		7.4		7.4	4.2	3.2
UPPER MANNVILLE F	198.0	0.10		19.8		19.8	9.4	10.4
LOWER MANNVILLE D	15 600.0	0.12	0.28	1 870.0	4 360.0	6 230.0	5 310.7	919.3
WATER FLOOD								
LOWER MANNVILLE H	524.0	0.30	0.05	157.0	26.2	183.0	144.7	38.3
WATER FLOOD								
LOWER MANNVILLE M	663.0	0.20		133.0		133.0	68.7	64.3
LOWER MANNVILLE N	415.0	0.10		41.5		41.5	18.2	23.3
LOWER MANNVILLE X	148.0	0.05		7.4		7.4	1.8	5.6
LOWER MANNVILLE Y	80.2	<0.05		3.3		3.3	3.3	
LOWER MANNVILLE CC	24.6	0.10		2.5		2.5	0.6	1.9
LOWER MANNVILLE EE	35.6	<0.03		1.0		1.0	1.0	
LOWER MANNVILLE NN	45.1	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE QQ	56.9	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE RR	198.0	0.05		9.9		9.9	1.9	8.0
LOWER MANN K & V	4 500.0	0.15	0.35	675.0	1 570.0	2 245.0	1 861.3	383.7
WATER FLOOD								
SAWTOOTH A	1 013.0	0.20		203.0		203.0	135.7	67.3
SAWTOOTH B	580.0	0.10		58.0		58.0	29.1	28.9
SAWTOOTH C	435.0	0.15		65.3		65.3	25.9	39.4
SAWTOOTH D	1 727.0	0.30		518.0		518.0	242.2	275.8
SAWTOOTH E	21.9	0.10		2.2		2.2	1.7	0.5
SAWTOOTH F	231.0	0.10		23.1		23.1	14.2	8.9
SAWTOOTH G	33.6	0.10		3.4		3.4	1.8	1.6

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	[illegible]
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
65	3.96	0.150	0.40	0.82	32	855	38	11 140	1 032.7	1976	84 12 SUSP 82 12
16	6.00	0.170	0.39	0.95	18	934	33	10 744	1 018.0	1987	89 03
58	1.43	0.190	0.50	0.95	20	875	32	10 788	1 007.3	1988	90 11
64	3.00	0.240	0.40	0.88	15	880	30	11 253	1 028.1	[illegible]	89 12 - [illegible]
64	2.75	0.220	0.50	0.87	53	934	28	10 816	986.3	1983	84 12
128	3.92	0.240	0.30	0.95	15	875	34	11 002	991.4	1981	89 01 - GPP
545	2.44	0.220	0.32	0.85	51	875	32	11 135	990.1	1981	88 12 - GPP
16	3.00	0.240	0.32	0.85	74	880	35	10 826	1 003.8	1987	88 11 - [illegible]
64	3.50	0.250	0.34	0.87	53	876	28	10 535	974.4	1988	89 08
32	2.90	0.270	0.37	0.95	18	931	33		1 012.7	1988	90 11
384	2.16	0.250	0.25	0.95	24	959	29	7 330	720.5	1968	90 12
32	2.70	0.170	0.37	0.95	22	950	25	7 081	759.0	1979	83 12 - GPP
80	1.96	0.200	0.33	0.95	20	955	29	7 105	732.8	1984	90 12
16	3.00	0.300	0.50	0.95	21	929	27	7 970	812.0	1984	85 08 - [illegible]
32	1.20	0.270	0.27	0.95	40	957	27	6 521	735.6	1972	86 03
22	4.50	0.320	0.40	0.95	20	948	30	4 200	793.9	1969	88 12 - GPP
16	2.70	0.240	0.40	0.95	21	946	29	7 413	826.9	1984	87 12
16	2.30	0.160	0.45	0.95	21	959	26	7 541	812.1	1982	85 04 - GPP
16	3.20	0.170	0.30	0.95	30	973	29	7 120	790.0	1984	88 12 - [illegible]
64	5.20	0.180	0.35	0.85	67	881	33	9 830	1 152.9	1978	82 12 - ABAND [illegible]
64	7.15	0.150	0.44	0.97	10	935	30	9 038	908.7	1969	83 05
65	19.14	0.075	0.17	0.81	66	915	69	15 400	2 056.8	1971	75 12
32	25.50	0.120	0.55	0.83	74	948	54	18 530	2 032.5	1979	82 12 - ABAND 82 02
537	10.49	0.113	0.36	0.89	43	934	43	10 694	1 325.9	1951	79 12 - GPP
16	4.00	0.210	0.35	0.95	21	975	30	8 887	936.6	1980	81 01 - ABAND 89 08
16	4.20	0.200	0.35	0.95	25	990	33	8 334	967.7	1980	81 04 - SUSP 83 02
65	2.13	0.200	0.35	0.95	18	921	36	10 590	912.6	1972	73 03 - ABAND 73 04
283					17	887	34	10 750	921.7	1971	88 04
16	1.10	0.190	0.34	0.96							
267	5.84	0.270	0.27	0.96							- GPP
32	2.20	0.200	0.45	0.96	18	886	34	10 328	912.1	1983	88 12
32	5.00	0.230	0.44	0.96	14	905	32	9 436	907.5	1984	85 05
865	9.92	0.250	0.25	0.97	30	881	31	10 620	907.7	1968	85 09 - GPP
86	3.17	0.260	0.23	0.96	21	934	32	10 620	952.2	1971	84 09 - GPP
102	4.04	0.242	0.30	0.95	21	921	33	10 766	898.9	1973	89 12
64	3.81	0.230	0.22	0.95	23	899	34	10 780	902.8	1971	85 09
16	5.20	0.240	0.23	0.96	16	933	33	10 284	901.0	1981	82 12
32	1.23	0.300	0.30	0.97	9	952	34	10 518	929.7	1972	77 12 - SUSP 85 12
32	1.50	0.120	0.55	0.95	18	888	34	8 518	912.4	1981	82 12
32	1.20	0.150	0.35	0.95	16	886	31	10 507	867.8	1982	88 12 - SUSP 86 07
32	1.70	0.150	0.43	0.97	11	904	28	11 672	869.4	1984	89 12 - SUSP 86 09
32	2.00	0.180	0.48	0.95	16	887	31	9 142	876.0	1988	88 08 - ABAND 88 09
32	5.00	0.210	0.38	0.95	14	905	34	9 993	922.0	1988	89 03
384	5.88	0.250	0.16	0.95	18	892	32	11 301	908.9	1973	85 09 - GPP
202	3.99	0.210	0.37	0.95	18	892	42	10 720	884.2	1965	88 12 - GPP
220	2.53	0.180	0.39	0.95	18	909	42	10 760	934.7	1978	86 05 - GPP
48	5.70	0.250	0.33	0.95	20	922	30	10 370	897.5	1980	89 12 - GPP
250	6.20	0.230	0.49	0.95	20	912	31	10 531	938.3	1980	88 12 - GPP
16	1.00	0.240	0.40	0.95	17	935	39	10 819	951.0	1981	86 12
96	2.97	0.140	0.39	0.95	18	903	42	10 846	1 174.0	1979	89 01
32	0.90	0.150	0.18	0.95	18	931	42	10 561	933.2	1980	83 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 ENHANCED 10^3m^3	6 TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
GRAND FORKS 011-13W4 (CONTINUED)								
SAWTOOTH H	71.3	0.15		10.7		10.7	7.0	3.7
SAWTOOTH I	691.0	0.10		69.1		69.1	58.0	11.1
SAWTOOTH J	448.0	0.25		112.0		112.0	50.2	61.8
SAWTOOTH K	32.4	<0.01		0.3		0.3	0.3	
SAWTOOTH L	1 940.0	0.40		776.0		776.0	400.3	375.7
SAWTOOTH N	1 670.0	0.25		418.0		418.0	304.5	113.5
SAWTOOTH O	4 428.0	0.30		1 328.0		1 328.0	1 019.1	308.9
SAWTOOTH Q	1 221.0	0.13		159.0		159.0	115.4	43.6
SAWTOOTH S	1 400.0	0.30		420.0		420.0	381.3	38.7
SAWTOOTH T	2 150.0	0.30		645.0		645.0	529.2	115.8
SAWTOOTH U	463.0	0.15		69.5		69.5	44.3	25.2
SAWTOOTH V	456.0	0.07		32.0		32.0	28.5	3.5
SAWTOOTH W	590.0	0.20		118.0		118.0	77.7	40.3
SAWTOOTH X	285.0	0.15		42.8		42.8	12.1	30.7
SAWTOOTH Y	211.0	0.10		21.1		21.1	16.5	4.6
SAWTOOTH Z	61.3	0.10		6.1		6.1	1.5	4.6
SAWTOOTH AA	56.6	0.10		5.7		5.7	1.4	4.3
SAWTOOTH CC	57.5	0.30		17.3		17.3	13.5	3.8
SAWTOOTH EE	314.0	0.10		31.4		31.4	14.0	17.4
SAWTOOTH FF	31.8	<0.01		0.1		0.1	0.1	
SAWTOOTH II	1 173.0	0.20		235.0		235.0	89.3	145.7
SAWTOOTH JJ	220.0	0.10		22.0		22.0	1.0	21.0
SAWTOOTH KK	283.0	0.10		28.3		28.3	14.4	13.9
SAWTOOTH LL	676.0	0.15		101.0		101.0	98.5	2.5
SAWTOOTH MM TOTAL	4 362.0			1 298.0	608.0	1 906.0	1 624.6	281.4
PRIMARY AREA	72.3	0.15		10.8		10.8		
WATER FLOOD AREA	4 290.0	<0.30	0.15	1 287.0	608.0	1 895.0		
SAWTOOTH NN TOTAL	843.0			259.0	41.7	301.0	203.7	97.3
PRIMARY AREA	148.0	0.34		50.3		50.3		
WATER FLOOD AREA	695.0	0.30	0.06	209.0	41.7	251.0		
SAWTOOTH OO TOTAL	2 692.0			424.0	729.0	1 153.0	895.5	257.5
PRIMARY AREA	400.0	0.20		80.0		80.0		
WATER FLOOD AREA	2 292.0	0.15	0.31	344.0	729.0	1 073.0		
SAWTOOTH PP	300.0	0.05		15.0		15.0	3.7	11.3
SAWTOOTH QQ	32.0	0.10		3.2		3.2	1.7	1.5
SAWTOOTH RR	196.0	0.03		5.9		5.9	1.9	4.0
SAWTOOTH SS	2 048.0	0.30		614.0		614.0	376.5	237.5
SAWTOOTH VV	622.0	0.25		156.0		156.0	116.6	39.4
SAWTOOTH WW TOTAL	3 268.0			605.0	900.0	1 505.0	1 268.3	236.7
PRIMARY AREA	268.0	0.02		5.4		5.4		
WATER FLOOD AREA	3 000.0	0.20	0.30	600.0	900.0	1 500.0		
SAWTOOTH XX	54.7	<0.01		0.1		0.1	0.1	
SAWTOOTH ZZ	356.0	0.30		107.0		107.0	49.6	57.4
SAWTOOTH AAA	197.0	0.10		19.7		19.7	1.9	17.8
SAWTOOTH BBB	34.7	0.15		5.2		5.2	0.2	5.0
SAWTOOTH CCC	891.0	0.10		89.1		89.1	40.0	49.1
SAWTOOTH DDD	245.0	0.20		49.0		49.0	39.8	9.2
SAWTOOTH EEE	332.0	0.10		33.2		33.2	16.2	17.0
SAWTOOTH FFF	175.0	0.10		17.5		17.5	0.4	17.1
SAWTOOTH HHH	240.0	0.10		24.0		24.0	3.8	20.2
SAWTOOTH III	392.0	0.10		39.2		39.2	4.9	34.3
SAWTOOTH LLL	276.0	0.10		27.6		27.6	7.7	19.9
SAWTOOTH MMM	115.0	0.10		11.5		11.5	0.2	11.3
SAWTOOTH NNN	145.0	0.10		14.5		14.5	5.8	8.7
SAWTOOTH PPP	285.0	0.10		28.5		28.5	14.8	13.7
SAWTOOTH QQQ	124.0	0.25		31.0		31.0	10.8	20.2
SAWTOOTH RRR	157.0	0.10		15.7		15.7	0.3	15.4
SAWTOOTH SSS TOTAL	418.0			159.0	5.2	164.0	118.5	45.5
PRIMARY AREA	158.0	0.38		60.0		60.0		
WATER FLOOD AREA	260.0	0.38	0.02	98.8	5.2	104.0		
SAWTOOTH TTT	185.0	0.20		37.0		37.0	6.9	30.1
SAWTOOTH UUU	28.6	<0.01		0.1		0.1	0.1	
SAWTOOTH YYY	20.4	0.10		2.0		2.0	0.4	1.6
ARCS A	196.0	0.10		19.6		19.6		19.6
GREENCOURT 059-09W5								
PEKISKO A & JURASSIC A	2 510.0	0.05		126.0		126.0	110.9	15.1
PEKISKO C	136.0	<0.01		0.5		0.5	0.5	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	[illegible]	[illegible]
ha	m	frac	frac	frac	m3 m3	kg m3	°C	kPa	m		
64	1.00	0.170	0.31	0.95	20	904	37	10 363	[illegible]	1978	88 [illegible] - SUSP [illegible]
128	3.20	0.240	0.26	0.95	18	892	42	10 124	900.4	[illegible]	[illegible]
138	2.54	0.240	0.44	0.95	19	891	32	10 595	[illegible]	[illegible]	[illegible]
16	2.81	0.217	0.65	0.95	20	900	33	10 348	932.9	[illegible]	[illegible] 12 - SUSP [illegible]
300	5.34	0.230	0.44	0.94	22	910	32	[illegible]	[illegible]	[illegible]	[illegible] - GPP
107	9.41	0.260	0.33	0.95	18	907	34	10 [illegible]	918.1	[illegible]	[illegible] - GPP
600	5.63	0.230	0.40	0.95	21	887	33	10 860	1 [illegible].0	1966	[illegible] - GPP
213	4.00	0.260	0.42	0.95	16	921	31	10 472	[illegible]	[illegible]	[illegible] - GPP
222	4.29	0.230	0.32	0.94	21	886	33	10 600	[illegible]	[illegible]	[illegible] - GPP
219	5.99	0.240	0.28	0.95	21	886	33	10 [illegible]	880.[illegible]	[illegible]	[illegible] 12 - GPP
140	2.68	0.250	0.48	0.95	15	905	34	10 172	[illegible]	[illegible]	[illegible] 10 - GPP
64	5.17	0.250	0.42	0.95	15	905	34	10 260	923.2	1953	87 [illegible] - GPP
80	5.41	0.230	0.37	0.94	25	910	32	10 [illegible]	[illegible]	[illegible]	87 [illegible] - GPP
32	7.80	0.240	0.50	0.95	20	920	30	10 222	915.3	1985	[illegible]
32	4.20	0.220	0.25	0.95	14	900	34	10 086	907.0	1985	86 [illegible] - GPP
32	2.10	0.190	0.50	0.96	16	906	47	10 269	938.1	1985	86 03
64	1.21	0.160	0.52	0.95	20	911	30	10 090	940.[illegible]	1985	[illegible]
16	2.50	0.275	0.45	0.95	15	905	34	[illegible] 012	906.[illegible]	1985	[illegible]
48	5.54	0.230	0.46	0.95	19	899	33	10 086	929.[illegible]	1986	87 [illegible] - GPP
16	1.22	0.260	0.35	0.95	19	887	34	10 110	943.[illegible]	1974	[illegible] - SUSP [illegible]
48	14.70	0.250	0.30	0.95	18	904	33	9 761	912.[illegible]	1986	89 06 - GPP
64	4.90	0.180	0.59	0.95	15	922	34	9 445	[illegible]	1986	87 03 - SUSP 89 11
108	2.32	0.200	0.40	0.94	24	911	30	10 805	914.[illegible]	1965	88 [illegible]
57	7.47	0.260	0.35	0.94	20	904	33	10 790	902.8	1965	80 12 - GPP
1 123					18	887	31	10 780	917.[illegible]	1957	89 10
16	2.80	0.280	0.40	0.96							
1 107	2.27	0.250	0.29	0.96							- GPP
104					40	946	32	10 650	908.9	1971	90 02 - GPP
24	4.25	0.240	0.37	0.96							
80	5.99	0.240	0.37	0.96							
598					21	887	33	10 760	933.6	1971	90 08
90	2.37	0.260	0.25	0.96							
508	2.41	0.260	0.25	0.96							- GPP
32	6.10	0.270	0.40	0.95	19	887	83	10 310	897.3	1973	85 12
16	1.29	0.180	0.12	0.98	10	946	21	10 449	948.7	1978	90 12 - GPP
64	2.08	0.250	0.33	0.88	50	921	34	10 834	963.3	1964	82 09
256	4.90	0.250	0.29	0.92	64	941	21	10 515	955.3	1953	88 12 - GPP
96	5.20	0.230	0.43	0.95	18	892	42	10 583	894.5	1979	88 12 - GPP
572					31	885	32	10 665	926.9	1983	90 06 - GPP
64	3.15	0.220	0.35	0.93							
508	3.60	0.255	0.33	0.96							
32	3.00	0.200	0.70	0.95	16	886	31	10 257	858.0	1983	83 11 - ABAND 84 03
48	6.04	0.200	0.36	0.96	22	895	32	10 424	910.3	1984	90 12 - GPP
64	4.40	0.210	0.65	0.95	27	891	34	10 842	920.3	1987	87 10
16	1.70	0.210	0.36	0.95	14	906	34	9 550	910.9	1987	87 12
80	17.90	0.250	0.29	0.95	14	899	34		908.2	1987	88 01 - GPP
48	4.23	0.209	0.38	0.93	31	887	32		927.7	1985	88 03 - GPP
64	3.35	0.270	0.37	0.91	31	887	32	9 597	917.5	1987	88 03
64	1.90	0.220	0.31	0.95	16	886	31	9 667	879.1	1987	88 03 - SUSP 88 05
16	9.00	0.237	0.26	0.95	18	907	34	9 265	913.0	1988	88 06 - GPP
32	8.95	0.240	0.40	0.95	18	907	34		930.5	1988	89 05
16	10.50	0.240	0.28	0.95	14	906	34	9 343	918.9	1988	88 08 - GPP
16	5.00	0.240	0.37	0.95	14	906	34		912.5	1988	88 10 - GPP
16	5.80	0.250	0.34	0.95	14	906	34		926.1	1988	88 11
123	2.30	0.200	0.47	0.95	14	906	34	9 850	925.5	1988	89 12
64	2.31	0.180	0.51	0.95	14	906	34	10 063	835.1	1988	89 05 - GPP
32	5.50	0.200	0.53	0.95	14	906	34	9 333	914.8	1989	89 08
86					40	946	32	11 103	910.8	1976	90 02 - GPP
37	2.86	0.250	0.38	0.96							
49	3.57	0.250	0.38	0.96							
16	7.30	0.250	0.32	0.93	29	965	33		920.2	1989	90 02 - GPP
32	1.00	0.200	0.53	0.95	14	906	34	9 740	926.9	1989	90 11 - ABAND 90 02
32	0.60	0.200	0.44	0.95	14	905	34	10 525	973.3	1987	90 12 - GPP
32	7.20	0.130	0.22	0.84	59	927	39	12 573	1 266.8	1988	89 01
540	5.30	0.130	0.25	0.90	49	915	58	11 090	1 456.3	1961	89 12 - GPP
65	3.35	0.090	0.20	0.87	48	898	60	11 200	1 474.2	1968	69 01 - SUSP 70 05

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
GREENCOURT EAST 059-06W5								
JURASSIC A	88.0	<0.01		0.6		0.6	0.6	
BANFF A	180.0	<0.01		0.3		0.3	0.3	
BANFF B	135.0	<0.01		0.6		0.6	0.6	
GUNN 055-03W5								
BANFF A	150.0	0.10		15.0		15.0	1.3	13.7
HAIRY HILL 055-14W4								
VIKING K	36.9	<0.01		0.1		0.1	0.1	
COLONY T	60.8	<0.01		0.1		0.1	0.1	
HARO 103-06W6								
PEKISKO B	981.0	<0.01		0.1		0.1	0.1	
HAYS 013-14W4								
LOWER MANNVILLE A TOTAL	3 645.0			583.0	1 044.0	1 627.0	1 577.1	49.9
PRIMARY AREA	45.0	0.16		7.2		7.2		
WATER FLOOD AREA	3 600.0	0.16	0.29	576.0	1 044.0	1 620.0		
LOWER MANNVILLE G	108.0	0.12		13.0		13.0	12.1	0.9
LOWER MANNVILLE H	85.5	<0.01		0.1		0.1		0.1
LOWER MANNVILLE I	49.6	0.10		5.0		5.0	4.6	0.4
LOWER MANNVILLE M	700.0	0.15		105.0		105.0	87.6	17.4
LOWER MANNVILLE O	1 802.0	0.15		270.0		270.0	99.2	170.8
LOWER MANNVILLE P	293.0	0.15		44.0		44.0	13.2	30.8
LOWER MANNVILLE Q	272.0	0.20		54.4		54.4	20.6	33.8
LOWER MANNVILLE S	108.0	0.20		21.6		21.6	9.5	12.1
LOWER MANNVILLE T	223.0	0.15		22.3		22.3	1.1	21.2
LOWER MANNVILLE U	214.0	0.05		10.7		10.7	2.1	8.6
SAWTOOTH A	210.8	0.20		42.2		42.2	18.9	23.3
SAWTOOTH B	1 771.0	0.20		354.0		354.0	203.8	150.2
SAWTOOTH C	1 524.0	0.40		610.0		610.0	402.3	207.7
SAWTOOTH D	876.0	0.20		175.0		175.0	114.4	60.6
SAWTOOTH F	280.0	0.25		70.0		70.0	22.5	47.5
SAWTOOTH G	125.0	0.10		12.5		12.5	3.4	9.1
SAWTOOTH I	136.0	0.05		6.8		6.8	0.2	6.6
SAWTOOTH J	281.0	0.10		28.1		28.1	9.0	19.1
SAWTOOTH K	100.0	0.15		15.0		15.0	0.8	14.2
ARCS A	704.0	0.05		35.2		35.2	2.5	32.7
ARCS B	436.0	0.10		43.6		43.6	7.0	36.6
ARCS C	1 512.0	0.10		151.0		151.0	29.3	121.7
ARCS D	68.0	0.05		3.4		3.4	0.1	3.3
ARCS E	429.0	0.10		42.9		42.9	3.6	39.3
ARCS F	590.0	0.05		29.5		29.5	6.0	23.5
ARCS H	90.2	0.10		9.0		9.0	3.3	5.7
ARCS L	413.0	0.05		20.6		20.6	1.1	19.5
ARCS O	113.0	0.10		11.3		11.3	1.3	10.0
NISKU A	199.0	0.05		10.0		10.0	2.4	7.6
HAYTER 041-01W4								
UPPER MANNVILLE A	90.1	0.05		4.5		4.5	3.8	0.7
COLONY A	111.0	<0.01		0.1		0.1	0.1	
COLONY B	282.0	0.05		14.1		14.1	10.9	3.2
COLONY C	43.9	0.15		6.6		6.6	5.9	0.7
MCLAREN A	122.0	0.05		6.1		6.1	0.1	6.0
SPARKY A TOTAL	3 742.0			262.0	92.5	355.0	321.0	34.0
PRIMARY AREA	662.0	0.07		46.3		46.3		
WATER FLOOD AREA	3 080.0	0.07	0.03	216.0	92.5	309.0		
SPARKY B	262.0	<0.03		6.1		6.1	6.1	
SPARKY C	162.0	0.05		8.1		8.1	1.8	6.3
SPARKY G	63.0	0.08		5.0		5.0	3.3	1.7
SPARKY H	36.2	<0.01		0.2		0.2	0.2	
SPARKY I	89.1	<0.02		1.2		1.2	1.2	
SPARKY K	34.6	0.05		1.7		1.7	1.4	0.3
SPARKY L	115.0	0.10		11.5		11.5	8.3	3.2
SPARKY M	99.1	0.05		5.0		5.0	2.7	2.3
SPARKY N	115.0	<0.01		0.2		0.2	0.2	
SPARKY O	62.5	<0.01		0.2		0.2	0.2	
SPARKY P	38.4	<0.02		0.5		0.5	0.5	
SPARKY R	29.4	0.01		0.3		0.3	0.3	
SPARKY S	74.6	0.10		7.5		7.5	0.9	6.6

9 AREA	10 AVERAGE PAY THICKNESS	11 POROSITY	12 WATER SATN	13 SHRINKAGE	14 INITIAL SOLUTION GOR	15 DENSITY	16 TEMP	17 INITIAL PRESSURE	18 MEAN FORMATION DEPTH	19 DISC YEAR	20 DATE LAST PRODUCED AND REMARKS
ha	m	frac	frac	frac	m³/m³	kg/m³	°C	kPa	m		
32	3.00	0.180	0.40	0.85	46	915	70	10 794	1 241.8	1980	81 12 - SUSP 81 05
32	9.30	0.100	0.32	0.89	40	922	50	10 171	1 200.7	1981	84 12 - SUSP 84 04
32	10.73	0.074	0.40	0.88	43	934	51	9 353	1 240.8	1980	84 12 - SUSP 84 04
64	3.50	0.100	0.25	0.89	46	933	43	10 240	1 300.0	1978	80 02 - SUSP 84 08
32	1.60	0.160	0.50	0.90	41	904	22	4 429	486.0	1976	89 07 - SUSP 82 11
16	2.00	0.300	0.36	0.99	10	952	20	3 648	541.0	1982	81 02 - SUSP 82 12
64	13.10	0.160	0.23	0.95	50	915	27	2 946	630.7	1990	83 02 - ABAND 90 01
402					38	865	31	10 363	950.4	1964	88 11
16	2.50	0.170	0.73	0.90							
386	4.94	0.280	0.25	0.90							- GPP
64	2.14	0.160	0.44	0.88	21	887	30	10 940	963.2	1978	90 12
16	3.50	0.240	0.33	0.95	21	959	32	11 140	997.5	1978	90 12 - ABAND 89 08
32	1.00	0.220	0.20	0.88	37	865	28	12 218	946.0	1980	89 12
127	3.16	0.229	0.19	0.94	37	873	31	5 586	953.6	1984	89 09
128	7.64	0.260	0.23	0.92	35	890	31	11 850	944.1	1988	88 08 - GPP
32	4.80	0.280	0.26	0.92	35	860	31		946.2	1987	89 10
32	3.80	0.280	0.15	0.94	37	873	31	10 674	949.4	1986	88 09
32	2.35	0.220	0.29	0.92	35	863	31	10 608	944.7	1989	90 05
32	6.50	0.220	0.47	0.92	35	863	31	10 803	930.6	1989	90 07
64	5.70	0.220	0.42	0.92	35	863	31	10 939	955.1	1985	90 05 - GPP
97	2.00	0.220	0.48	0.95	20	876	30	3 250	974.5	1985	86 10 - GPP
540	2.56	0.260	0.44	0.88	40	904	38	10 950	974.4	1967	88 12
390	2.68	0.270	0.40	0.90	21	898	38	10 912	963.1	1967	88 12 - GPP
160	3.68	0.260	0.35	0.88	60	887	32	10 920	952.0	1969	88 12
80	2.04	0.270	0.31	0.92	37	893	58	10 686	952.1	1983	90 12 - GPP
32	2.00	0.290	0.25	0.90	37	894	34	10 641	972.0	1987	87 12 - GPP
64	2.80	0.250	0.65	0.87	53	876	28	10 919	936.6	1988	89 08
64	2.75	0.280	0.40	0.95	18	860	33		968.6	1988	89 10
32	1.90	0.260	0.33	0.95	18	860	33	9 632	981.0	1988	89 05
273	4.40	0.090	0.26	0.88	43	868	46	11 126	1 328.7	1987	88 11
64	7.10	0.130	0.17	0.89	49	849	35	12 077	1 317.2	1987	88 06
160	9.70	0.140	0.20	0.87	52	862	35	12 184	1 367.8	1988	89 07
64	2.70	0.073	0.38	0.87	52	862	35		1 360.1	1987	88 05 - SUSP 88 12
64	7.23	0.130	0.19	0.88	49	883	35	12 805	1 314.3	1987	89 05
64	7.50	0.198	0.31	0.90	40	898	36	11 764	1 347.8	1987	87 01
16	7.20	0.110	0.20	0.89	49	883	35	12 194	1 331.9	1987	88 11
64	7.40	0.110	0.11	0.89	49	883	35	12 642	1 347.7	1989	89 09
32	4.20	0.120	0.21	0.89	49	883	35		1 332.1	1989	90 09
64	3.40	0.138	0.19	0.82	74	895	33	12 454	1 352.7	1985	89 12
32	2.20	0.220	0.40	0.97	12	930	27	5 191	809.3	1980	83 12
16	5.20	0.250	0.45	0.97	14	951	26	4 438	618.0	1980	80 10 - ABAND 87 07
64	2.81	0.260	0.38	0.97	11	972	28	4 832	682.8	1983	84 07
16	2.00	0.280	0.50	0.98	8	950	24	4 523	651.0	1982	88 12
16	4.50	0.260	0.32	0.96	13	985	31		685.7	1989	90 03 - SUSP 90 01
1 256					13	910	29	5 690	795.2	1968	87 12
176	2.13	0.280	0.35	0.97							
1 080	1.37	0.290	0.26	0.97							
65	2.13	0.280	0.30	0.97	15	915	27	5 790	739.4	1971	89 12 - SUSP 87 08
64	1.54	0.260	0.35	0.97	12	921	37	5 760	776.0	1971	73 01
16	2.50	0.280	0.42	0.97	12	919	32	5 162	687.5	1979	89 12
16	1.60	0.270	0.46	0.97	19	920	23	5 206	717.6	1979	83 12 - SUSP 83 12
32	2.14	0.240	0.44	0.97	12	925	32	5 584	711.7	1980	88 12 - SUSP 86 07
16	2.00	0.250	0.55	0.96	18	934	26	5 023	672.3	1980	82 03
45	1.24	0.290	0.27	0.97	11	911	31	5 790	742.1	1981	89 11
16	3.50	0.240	0.24	0.97	11	939	28	5 058	734.3	1979	80 01
32	2.40	0.280	0.45	0.97	12	920	27	5 495	737.0	1972	88 12 - SUSP 73 01
16	2.30	0.250	0.30	0.97	12	920	26	5 570	736.7	1983	83 11 - SUSP 88 08
16	1.50	0.300	0.45	0.97	11	925	28	5 273	718.8	1983	88 12 - SUSP 86 08
16	1.50	0.230	0.45	0.97	11	920	26	5 876	771.1	1983	88 12 - SUSP 86 05
32	1.68	0.270	0.47	0.97	10	920	27	5 778	784.9	1985	86 11 - SUSP 87 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
HAYTER 041-01W4 (CONTINUED)								
SPARKY T	102.0	0.05		5.1		5.1	2.0	3.1
SPARKY V	82.6	0.10		8.3		8.3	0.5	7.8
SPARKY W	184.0	0.05		9.2		9.2	2.2	7.0
SPARKY D & E	1 216.0	0.10		122.0		122.0	88.9	33.1
GENERAL PETROLEUM A	231.0	0.05		11.6		11.6	3.4	8.2
CUMMINGS A	57.0	0.05		2.9		2.9	1.1	1.8
CUMMINGS B	295.0	0.10		29.5		29.5	18.5	11.0
CUMMINGS D	152.0	0.05		7.6		7.6	0.7	6.9
DINA A TOTAL	12 290.0			788.0	948.0	1 736.0	1 274.8	461.2
PRIMARY AREA	4 937.0	0.10		494.0		494.0		
WATER FLOOD AREA	7 350.0	0.04	0.13	294.0	948.0	1 242.0		
DINA B	37 630.0	0.04		1 505.0		1 505.0	687.8	817.2
DINA C	1 402.0	0.02		28.0		28.0	16.5	11.5
DINA D	366.0	0.07		25.6		25.6	20.2	5.4
DINA H	252.0	<0.01		2.4		2.4	2.4	
DINA I	4 160.0	0.10		416.0		416.0	301.1	114.9
DINA L	158.0	<0.01		0.2		0.2	0.2	
DINA N	218.0	0.10		21.8		21.8	0.1	21.7
DINA O	252.0	0.10		25.2		25.2	12.2	13.0
DINA P	134.0	0.05		6.2		6.2	0.5	5.7
DINA Q	6 930.0	0.10		693.0		693.0	82.9	610.1
DINA R	39.9	0.10		4.0		4.0	0.3	3.7
DINA S	238.0	0.05		11.9		11.9	1.4	10.5
HEATHDALE 026-09W4								
GLAUCONITIC B	27.7	0.10		2.8		2.8	2.2	0.6
LOWER MANNVILLE B	151.0	0.05		7.6		7.6	0.1	7.5
DETRITAL A	248.0	<0.01		0.1		0.1	0.1	
HECTOR 016-17W4								
UPPER MANNVILLE B	158.0	<0.02		1.9		1.9	1.9	
UPPER MANNVILLE D	313.0	0.05		15.6		15.6	0.1	15.5
HORSEFLY LAKE 008-16W4								
MANNVILLE TOTAL	6 381.0			531.0	680.0	1 211.0	1 118.9	92.1
PRIMARY AREA	721.0	0.07		50.5		50.5		
WATER FLOOD AREA	5 660.0	<0.08	0.13	480.0	680.0	1 160.0		
MANNVILLE B	154.0	0.10		15.4		15.4	11.6	3.8
ISLAY 050-04W4								
CUMMINGS A	113.0	<0.01		0.1		0.1		0.1
JENNER 020-09W4								
UPPER MANNVILLE E TOTAL	4 910.0			491.0	572.0	1 063.0	892.8	170.2
PRIMARY AREA	1 100.0	0.10		110.0		110.0		
WATER FLOOD AREA	3 810.0	0.10	0.15	381.0	572.0	953.0		
UPPER MANNVILLE F	4 260.0	0.05		213.0		213.0	166.3	46.7
UPPER MANNVILLE M	242.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE O	6 322.0	0.10		632.0		632.0	350.0	282.0
UPPER MANNVILLE V	267.0	0.05		13.4		13.4	2.1	11.3
UPPER MANNVILLE X	461.0	0.05		23.1		23.1	3.9	19.2
UPPER MANNVILLE Z	297.0	0.05		14.9		14.9	0.9	14.0
UPPER MANNVILLE DD	243.0	0.04		9.7		9.7	7.8	1.9
UPPER MANNVILLE HH	163.0	0.10		16.3		16.3	0.4	15.9
UPPER MANNVILLE NN	42.2	0.10		4.2		4.2	0.4	3.8
LOWER MANNVILLE A	259.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE C	60.3	0.02		1.2		1.2	1.2	
PEKISKO A	95.3	<0.07		6.1		6.1	6.1	
PEKISKO B	466.0	<0.01		0.3		0.3	0.3	
PEKISKO C	106.0	0.05		5.3		5.3	1.1	4.2
PEKISKO D	501.0	<0.01		0.2		0.2	0.2	
PEKISKO E	50.7	<0.01		0.1		0.1	0.1	
PEKISKO F	52.7	0.10		5.3		5.3	1.5	3.8
JOHNSON 016-14W4								
GLAUCONITIC B TOTAL	1 146.0			171.0	179.6	351.0	226.2	124.8
PRIMARY AREA	248.0	0.15		37.2		37.2		
WATER FLOOD AREA	898.0	0.15	0.20	134.7	179.6	314.3		
GLAUCONITIC C TOTAL	731.0			110.0	137.0	247.0	96.3	150.7

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVISED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
32	1.80	0.290	0.37	0.97	13	893	27		734.9	1988	89 02
32	1.30	0.310	0.34	0.97	10	913	28		722.5	1989	90 03
64	1.80	0.270	0.39	0.97	13	892	27		718.0	1989	90 [illegible]
418	1.86	0.260	0.38	0.97	16	930	25	4 000	741.4	1972	88 12
64	1.80	0.300	0.31	0.97	13	892	27	5 382	721.9	1989	[illegible]
16	2.50	0.210	0.30	0.97	10	911	33	4 713	758.[illegible]	1981	[illegible] 04
109	1.81	0.240	0.35	0.96	17	904	29		735.7	1981	[illegible] 12 - [illegible]
32	2.70	0.260	0.29	0.95	11	905	28	5 080	828.[illegible]	[illegible]	[illegible] 09
707					13	921	24	5 190	788.6	[illegible]	[illegible] 08 - [illegible]
308	6.80	0.300	0.19	0.97							
399	8.01	0.300	0.21	0.97							
1 384	11.24	0.290	0.14	0.97	20	965	28	5 500	778.5	1969	90 12 - GPP
112	7.03	0.270	0.32	0.97	13	958	26	5 070	782.3	1960	[illegible] 10 - GPP
32	5.24	0.300	0.25	0.97	9	938	34	5 140	700.8	1979	87 12 - GPP
16	8.40	0.280	0.31	0.97	11	970	30	5 595	771.6	1979	89 12 - SUSP 87 09
191	8.06	0.320	0.13	0.97	11	960	27	5 063	771.2	1984	88 11 - GPP
16	6.00	0.280	0.37	0.93	15	989	29	4 977	858.3	1985	[illegible] 03 - [illegible]
16	6.00	0.320	0.27	0.97	9	935	28	5 187	781.0	1987	88 07 - GPP
16	8.79	0.280	0.34	0.97	9	935	28	5 337	724.6	1987	89 12 - GPP
16	4.00	0.260	0.18	0.98	9	935	28		752.5	1988	88 11 - SUSP 89 01
337	8.50	0.290	0.14	0.97	9	935	28		782.5	1978	90 12 - GPP
4	5.20	0.260	0.24	0.97	9	935	28	5 548	775.1	1989	89 08 - GPP
16	7.30	0.250	0.16	0.97	8	935	28	4 781	751.0	1989	89 11 - GPP
16	1.00	0.280	0.35	0.95	18	949	34	9 501	1 028.0	1982	83 03
16	12.00	0.130	0.52	0.91	36	939	35	8 558	1 004.3	1987	88 04
16	10.00	0.250	0.32	0.91	36	940	35	8 548	1 012.3	1988	89 05 - ABAND 89 07
32	8.00	0.140	0.50	0.88	52	913	33	12 108	1 082.2	1982	85 12 - ABAND 89 07
64	6.10	0.150	0.40	0.89	53	890	30	11 641	1 080.9	1988	90 08 - SUSP 88 12
1 200					16	887	33	10 200	961.6	1963	89 12
176	4.31	0.175	0.44	0.97							
1 024	5.50	0.185	0.44	0.97							
64	2.85	0.160	0.45	0.96	23	900	40	9 533	958.1	1980	86 04
16	3.50	0.300	0.30	0.96	17	978	26	6 704	701.3	1980	82 03 - ABAND 83 05
1 276					37	927	33	10 690	989.1	1963	90 06 - GPP
358	2.43	0.230	0.41	0.93							
918	2.07	0.297	0.25	0.90							
377	6.83	0.260	0.30	0.91	29	952	33	10 410	935.1	1965	89 12 - GPP
32	5.49	0.230	0.35	0.91	35	946	31	10 270	941.2	1971	89 12 - SUSP 77 02
531	7.11	0.260	0.30	0.92	37	952	33	10 510	954.3	1952	88 12 - GPP
16	9.90	0.240	0.26	0.95	37	960	35	10 042	937.7	1973	90 04 - GPP
80	3.66	0.240	0.31	0.95	38	941	24	10 200	912.7	1984	90 02 - GPP
32	5.64	0.270	0.33	0.91	29	959	32	10 170	964.7	1954	89 10 - SUSP 89 10
32	5.06	0.250	0.34	0.91	29	952	33	10 170	933.9	1965	88 12 - GPP
16	8.30	0.230	0.42	0.92	34	945	32	9 532	954.7	1988	89 12
16	1.50	0.300	0.37	0.93	29	955	32	9 868	925.8	1989	90 12
32	4.57	0.240	0.20	0.91	29	940	32	10 790	979.0	1964	67 05 - SUSP 69 [illegible]
16	3.00	0.230	0.40	0.91	42	944	32	10 569	987.5	1981	88 12 - ABAND 84 11
64	3.29	0.100	0.50	0.90	81	946	33	10 890	1 001.6	1963	73 02 - ABAND 72 02
28	23.77	0.112	0.30	0.90	81	946	41	10 620	1 036.6	1966	68 02 - ABAND 69 02
32	6.10	0.120	0.50	0.90	81	946	34	10 760	991.3	1966	68 10
65	4.27	0.300	0.35	0.93	29	972	32	10 780	991.2	1971	72 05 - ABAND 77 02
32	5.50	0.080	0.60	0.90	41	943	33	10 695	987.3	1980	82 12 - SUSP 82 08
16	9.00	0.080	0.48	0.88	50	950	27	10 767	974.5	1986	87 09 - SUSP 87 11
119					50	891	30	10 855	1 029.5	1982	88 11
16	8.60	0.250	0.18	0.88							
103	4.83	0.250	0.18	0.88							- GPP
118					50	888	31	8 600	1 021.4	1983	90 02

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 ENHANCED	6 TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
JOHNSON 016-14W4 (CONTINUED)								
PRIMARY AREA	46.0	0.15		6.9		6.9		
WATER FLOOD AREA	685.0	0.15	0.20	103.0	137.0	240.0		
GLAUCONITIC E	203.0	0.20		40.6		40.6	16.7	23.9
JUMPBUSH 020-19W4								
UPPER MANNVILLE B	420.0	0.15		63.0		63.0	49.9	13.1
UPPER MANNVILLE H	400.0	0.20		80.0		80.0	44.6	35.4
UPPER MANNVILLE M	319.0	0.10		31.9		31.9	24.6	7.3
LOWER MANNVILLE A	66.0	<0.02		0.9		0.9	0.9	
KEHO 011-22W4								
BANFF A	46.8	<0.02		0.8		0.8	0.8	
KILLAM 043-10W4								
COLONY F	140.0	0.05		7.0		7.0	3.9	3.1
LOWER MANNVILLE A	58.1	<0.02		0.7		0.7	0.7	
ELLERSLIE CC	954.0	0.10		95.4		95.4	10.3	85.1
KIRKWALL 027-05W4								
COLONY A	110.0	<0.01		0.1		0.1	0.1	
LANFINE 025-05W4								
BANFF A	25.5	0.05		1.3		1.3	0.2	1.1
LATHOM 020-17W4								
UPPER MANNVILLE A	4 200.0	0.15	0.35	630.0	1 470.0	2 100.0	1 962.7	137.3
WATER FLOOD								
UPPER MANNVILLE C	800.0	0.11	0.29	88.0	232.0	320.0	300.5	19.5
WATER FLOOD								
UPPER MANNVILLE D	344.0	0.15		51.6		51.6	41.9	9.7
UPPER MANNVILLE E	87.2	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE H	188.0	0.10		18.8		18.8		18.8
UPPER MANNVILLE I	185.0	0.05		9.3		9.3	4.1	5.2
UPPER MANNVILLE J	60.1	0.10		6.0		6.0	0.4	5.6
LOWER MANNVILLE A	266.0	0.10		26.6		26.6	16.9	9.7
LOWER MANNVILLE B	72.1	<0.02		0.9		0.9	0.9	
LOWER MANNVILLE C	508.0	<0.01		0.9		0.9	0.9	
LEAMAN 057-09W5								
PEKISKO A	98.0	<0.06		5.6		5.6	5.6	
PEKISKO B	33.2	<0.01		0.1		0.1	0.1	
PEKISKO C	31.3	<0.01		0.1		0.1	0.1	
LECKIE 019-17W4								
UPPER MANNVILLE B	429.0	0.06		25.7		25.7	23.0	2.7
UPPER MANNVILLE C	219.0	0.05		11.0		11.0	7.2	3.8
LOWER MANNVILLE A	195.0	<0.01		1.2		1.2	1.2	
LITTLE BOW 015-19W4								
BOW ISL G.UP MANN BB & LOWER MANNVILLE T	494.0	0.10		49.4		49.4	43.2	6.2
UPPER MANNVILLE D	1 531.0			61.2	140.0	201.0	116.9	84.1
TOTAL								
PRIMARY AREA	260.0	0.04		10.4		10.4		
WATER FLOOD AREA	1 271.0	0.04	0.11	50.8	140.0	191.0		
UPPER MANNVILLE F	192.0	0.10		19.2		19.2	3.0	16.2
UPPER MANNVILLE G	1 800.0	0.10	0.25	180.0	270.0	450.0	176.9	273.1
WATER FLOOD								
UPPER MANNVILLE H	74.2	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE I	1 700.0	0.10	0.10	170.0	170.0	340.0	202.4	137.6
WATER FLOOD								
UPPER MANNVILLE J	210.0	0.05		10.5		10.5	5.9	4.6
UPPER MANNVILLE L	1 211.0			60.6	100.0	161.0	83.6	77.4
TOTAL								
PRIMARY AREA	211.0	0.05		10.6		10.6		
WATER FLOOD AREA	1 000.0	0.05	0.10	50.0	100.0	150.0		
UPPER MANNVILLE M	147.0	0.10		14.7		14.7	8.5	6.2
UPPER MANNVILLE N	21.2	<0.05		0.9		0.9	0.9	
UPPER MANNVILLE O	146.0	0.05		7.3		7.3	2.5	4.8
UPPER MANNVILLE P	400.0	0.10		40.0		40.0	31.2	8.8
UPPER MANNVILLE Q	50.4	0.07		3.5		3.5	2.1	1.4

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
8	3.49	0.234	0.20	0.88							
110	3.78	0.234									GRP
64	3.20	0.150	0.25	0.88	53	893	31	10 733	1 029.[illegible]	1983	89 12
142	2.50	0.190	0.25	0.83	73	845	40	11 360	1 337.[illegible]	[illegible]	[illegible]
131	2.93	0.200	0.20	0.83	69	860	35	11 284	1 326.0	[illegible]	[illegible]
64	4.00	0.200	0.25	0.83	73	845	40	11 154	1 [illegible]	[illegible]	[illegible]
16	3.08	0.210	0.25	0.85	56	887	41	11 430	1 405.[illegible]	[illegible]	89 12 - ABAND [illegible]
16	7.20	0.055	0.23	0.96	10	964	51	21 124	1 720.3	[illegible]	[illegible] - ABAND [illegible]
16	4.20	0.330	0.24	0.83	209	908	26	5 237	702.1	1979	80 11
16	1.93	0.260	0.23	0.94	24	954	36	6 510	873.0	1978	85 12 - ABAND 83 12
228	2.50	0.240	0.25	0.93	21	908	34	6 584	952.2	1981	90 [illegible]
16	7.00	0.220	0.54	0.97	9	956	35	7 492	888.2	1980	[illegible] - ABAND [illegible]
16	6.00	0.050	0.42	0.88	37	982	38	9 460	957.8	1987	88 01 - SUSP 87 12
426	6.31	0.230	0.20	0.85	66	876	35	10 480	1 171.0	1968	83 12 - GRP
159	3.92	0.210	0.30	0.87	62	887	45	10 640	1 141.5	1970	87 02
110	2.50	0.210	0.30	0.85	66	876	35	10 270	1 174.7	1968	88 12
65	1.22	0.210	0.38	0.85	51	849	40	10 260	1 183.5	1973	74 03 - SUSP 74 03
64	2.00	0.230	0.25	0.85	66	869	32	9 990	1 218.6	1980	80 12
64	3.90	0.120	0.29	0.87	56	869	36	10 279	1 176.7	1987	90 07 - GRP
64	1.00	0.180	0.40	0.87	56	869	37	9 605	1 197.5	1983	88 08
128	1.64	0.200	0.28	0.88	41	876	31	10 980	1 185.1	1973	80 07 - GRP
32	3.05	0.160	0.48	0.88	41	876	35	11 000	1 209.4	1973	79 01 - SUSP 78 [illegible]
64	9.00	0.210	0.50	0.84	76	901	37	11 022	1 250.7	1983	84 06 - ABAND [illegible]
64	3.10	0.100	0.42	0.85	50	916	71	12 460	1 688.5	1978	79 08 - SUSP 84 07
16	6.40	0.080	0.55	0.90	37	963	61	12 423	1 650.8	1981	83 10 - SUSP 83 08
16	6.60	0.070	0.53	0.90	37	963	61	12 134	1 615.2	1981	83 10 - SUSP 83 [illegible]
87	3.06	0.250	0.25	0.86	64	887	34	10 890	1 134.2	1967	88 12
202	0.80	0.206	0.26	0.89	58	900	40	10 561	1 170.8	1987	90 07
32	5.18	0.190	0.32	0.90	33	887	44	11 620	1 174.7	1967	88 10 - ABAND [illegible]
96	4.27	0.200	0.33	0.90	54	934	33	12 220	1 147.0	1975	84 09
502					66	904	56	12 270	1 184.5	1967	89 11
144	1.55	0.190	0.30	0.87							
358	3.07	0.190	0.30	0.87							
64	3.96	0.140	0.40	0.90	14	952	37	12 170	1 127.2	1968	69 03 - GRP
240	4.31	0.230	0.16	0.90	44	946	38	12 130	1 132.3	1970	87 01
65	1.22	0.190	0.45	0.90	43	921	38	13 460	1 [illegible]	1970	74 12 - ABAND [illegible]
115	10.66	0.230	0.33	0.90	44	927	33	12 250	1 094.3	1974	85 06 - GRP
130	1.68	0.160	0.33	0.90	44	927	34	11 220	1 106.7	1974	78 05 - SUSP 88 11
176					44	927	32	11 790	1 128.0	1974	88 12
64	2.19	0.220	0.24	0.90							
112	6.10	0.220	0.26	0.90							- GRP
64	2.10	0.180	0.30	0.87	57	887	36	12 180	1 221.0	1977	89 12
16	1.20	0.170	0.28	0.90	44	928	35	12 280	1 154.4	1978	79 04 - ABAND 90 03
32	3.00	0.220	0.23	0.90	55	915	32	11 200	1 095.5	1979	85 12 - SUSP 89 09
64	4.47	0.210	0.26	0.90	47	864	32	10 758	1 131.9	1979	85 12 - GRP
32	2.50	0.100	0.30	0.90	68	912	36	12 200	1 159.8	1979	85 10 - GRP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
LITTLE BOW 015-19W4 (CONTINUED)								
UPPER MANNVILLE R	45.3	<0.04		1.7		1.7	1.7	
UPPER MANNVILLE S	2 400.0	0.03		72.0		72.0	26.8	45.2
UPPER MANNVILLE T WATER FLOOD	1 200.0	0.10	0.10	120.0	120.0	240.0	135.1	104.9
UPPER MANNVILLE U WATER FLOOD	1 700.0	0.10	0.15	170.0	255.0	425.0	245.8	179.2
UPPER MANNVILLE V	50.1	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE W WATER FLOOD	1 800.0	0.10	0.15	180.0	270.0	450.0	200.3	249.7
UPPER MANNVILLE Z	51.1	0.10		5.1		5.1	4.2	0.9
UPPER MANNVILLE CC	44.9	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE DD	50.5	0.01		0.5		0.5	0.5	
UPPER MANNVILLE II	1 223.0	0.10		122.0		122.0	37.9	84.1
UPPER MANNVILLE JJ	25.9	0.10		2.6		2.6	0.4	2.2
UPPER MANNVILLE KK	744.0	0.10		74.4		74.4	10.3	64.1
UPPER MANNVILLE MM	543.0	0.15		81.5		81.5	15.7	65.8
LOWER MANNVILLE A	134.0	0.05		6.7		6.7	5.9	0.8
LOWER MANNVILLE E	234.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE H	86.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE I	78.3	0.10		7.8		7.8	5.6	2.2
LOWER MANNVILLE J	278.0	0.04		11.1		11.1	7.8	3.3
LOWER MANNVILLE L	48.0	<0.04		1.9		1.9	1.9	
LOWER MANNVILLE M	40.3	0.10		4.0		4.0	1.8	2.2
LOWER MANNVILLE N	27.4	<0.02		0.4		0.4	0.4	
LOWER MANNVILLE P	23.5	<0.04		0.9		0.9	0.9	
LOWER MANNVILLE U	57.5	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE V	28.4	<0.01		0.2		0.2	0.2	
LIVINGSTONE A	91.7	<0.01		0.1		0.1	0.1	
LLOYDMINSTER 050-01W4								
COLONY D	188.0	0.05		9.4		9.4	7.1	2.3
COLONY E	55.0	<0.01		0.4		0.4	0.4	
COLONY F	300.0	0.05		15.0		15.0	8.8	6.2
COLONY G	113.0	0.07		7.9		7.9	5.5	2.4
COLONY H	48.0	<0.03		1.1		1.1	1.1	
COLONY I	32.0	<0.01		0.1		0.1	0.1	
COLONY J	106.0	0.05		5.3		5.3	4.1	1.2
COLONY K	40.9	0.05		2.1		2.1	0.7	1.4
COLONY N	61.6	<0.02		1.0		1.0	1.0	
COLONY O	45.7	0.05		2.3		2.3	0.7	1.6
COLONY T	307.0	<0.01		0.6		0.6	0.6	
COLONY V	93.0	0.04		3.7		3.7	2.3	1.4
MCLAREN A	1 226.0	0.05		61.3		61.3	12.6	48.7
MCLAREN D	231.0	0.03		6.9		6.9	1.9	5.0
WASECA A	141.0	0.05		7.1		7.1	0.5	6.6
SPARKY B	12 400.0	<0.06		698.0		698.0	506.2	191.8
SPARKY F	8 040.0	0.04		321.0		321.0	298.0	23.0
SPARKY G	19 500.0	0.05		975.0		975.0	769.2	205.8
SPARKY H	1 800.0	0.05		90.0		90.0	65.9	24.1
SPARKY J	3 180.0	0.04		127.0		127.0	94.8	32.2
SPARKY K	21 200.0	0.06		1 272.0		1 272.0	858.1	413.9
SPARKY L	793.0	<0.02		13.9		13.9	13.9	
SPARKY M	267.0	0.05		13.4		13.4	3.5	9.9
SPARKY N	28.1	<0.03		0.8		0.8	0.8	
SPARKY O	337.0	<0.01		0.9		0.9	0.9	
SPARKY P	651.0	0.02		13.0		13.0	9.7	3.3
SPARKY Q	14 780.0	0.02		296.0		296.0	192.9	103.1
SPARKY S	365.0	0.03		11.0		11.0	5.7	5.3
SPARKY T	186.0	0.03		5.6		5.6	5.6	
SPARKY U	183.0	<0.02		3.0		3.0	3.0	
SPARKY X	2 860.0	0.01		28.6		28.6	20.4	8.2
SPARKY EE	549.0	0.03		16.5		16.5	15.2	1.3
SPARKY FF	408.0	<0.01		0.4		0.4	0.4	
SPARKY KK	1 610.0	0.05		80.5		80.5	63.2	17.3
SPARKY NN	143.0	<0.01		0.4		0.4	0.4	
SPARKY OO	355.0	<0.01		0.2		0.2	0.2	
SPARKY QQ	46.3	<0.02		0.5		0.5	0.5	
SPARKY RR	124.0	<0.02		1.3		1.3	1.3	
SPARKY SS	201.0	<0.01		0.1		0.1	0.1	
SPARKY TT	144.0	<0.01		0.8		0.8	0.8	
SPARKY UU	105.0	<0.01		0.1		0.1	0.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST UPDATE AND REMARKS
32	1.73	0.130	0.30	0.90	58	922	33	11 852	1 162.8	[illegible]	80 07 - ABAND [illegible]
303	5.23	0.220	0.24	0.90	47	937	33	11 889	1 075.4	1978	87 08
85	9.20	0.240	0.29	0.90	44	927	33	12 372	[illegible]	[illegible]	[illegible]
140	6.90	0.230	0.13	0.88	49	947	31	11 263	1 126.3	1982	[illegible] 05 - [illegible]
16	3.60	0.190	0.48	0.88	56	928	34	11 242	1 074.[illegible]	1982	[illegible] 03 - ABAND [illegible]
169	7.12	0.210	0.19	0.88	49	947	32	11 827	[illegible]	1983	[illegible] 01 - [illegible]
16	1.80	0.240	0.16	0.88	56	928	34	11 638	[illegible]	[illegible]	[illegible] 09
16	2.00	0.240	0.35	0.90	47	946	32	11 915	1 169.3	1982	84 02 - ABAND 84 10
16	2.70	0.200	0.35	0.90	44	934	34	12 179	[illegible]	[illegible]	[illegible] 12 - SUSP 86 04
300	3.13	0.200	0.26	0.88	57	898	34	12 733	[illegible]	[illegible]	[illegible] 07
16	1.50	0.200	0.40	0.90	47	947	32	9 917	[illegible]	1967	[illegible] 08
16	23.50	0.250	0.10	0.88	57	928	34	10 198	[illegible]	1989	[illegible] 06
80	4.25	0.230	0.21	0.88	56	928	34	11 103	[illegible]	1972	90 [illegible]
32	5.40	0.160	0.48	0.93	37	951	30	12 240	1 140.6	1967	84 06 - GPP
65	2.13	0.250	0.25	0.90	43	934	41	12 480	1 215.8	[illegible]	[illegible] 03 - SUSP [illegible]
32	2.70	0.170	0.35	0.90	44	940	38	12 410	1 193.9	1976	79 12 - SUSP 80 10
16	4.27	0.180	0.30	0.90	46	946	33	11 970	[illegible]	1977	[illegible] 12 - GPP
16	9.45	0.230	0.12	0.90	44	965	36	12 820	1 198.2	1977	85 12 - GPP
16	3.00	0.170	0.35	0.90	35	950	35	12 730	1 181.0	1979	88 12 - ABAND 83 11
32	1.00	0.200	0.30	0.90	85	970	31	12 070	1 205.8	1979	85 12 - GPP
32	0.80	0.170	0.30	0.90	46	952	33	12 470	1 165.4	1978	88 12 - SUSP 79 12
16	1.60	0.170	0.40	0.90	46	951	31	12 203	1 136.2	1979	[illegible] 12 - SUSP [illegible]
16	3.80	0.185	0.45	0.93	37	952	30	11 542	1 219.5	1981	83 08 - SUSP 83 11
16	2.30	0.140	0.40	0.92	37	951	30	12 346	1 175.8	1982	84 02 - SUSP 84 10
64	4.00	0.070	0.45	0.93	21	985	42	12 898	1 212.3	1982	83 01 - ABAND 85 05
32	3.26	0.280	0.35	0.99	8	983	25	2 880	547.1	1977	79 06 - GPP
16	1.86	0.300	0.37	0.98	10	961	28	2 970	539.2	1977	88 12 - SUSP 78 07
38	2.77	0.320	0.10	0.99	11	975	28	3 060	548.2	[illegible]	83 12 - GPP
16	3.70	0.320	0.40	0.99	9	962	24	3 000	542.3	1978	90 12 - GPP
8	2.10	0.320	0.10	0.99	10	962	28	3 010	540.6	1975	79 12 - ABAND [illegible] 10
8	2.10	0.320	0.40	0.99	10	980	28	3 020	541.9	[illegible]	84 12 - SUSP 81 08
32	2.00	0.280	0.40	0.99	10	981	28	3 345	542.7	1982	85 12 - SUSP 88 09
4	4.30	0.320	0.25	0.99	10	970	22	3 447	591.7	1979	84 04
8	4.90	0.270	0.40	0.97	12	988	25	3 050	545.8	1980	88 12 - SUSP 86 04
4	5.50	0.300	0.30	0.99	10	985	28	3 050	573.0	1983	84 08
16	7.30	0.320	0.17	0.99	12	977	25	3 234	495.6	1985	86 05 - ABAND 86 11
16	2.50	0.320	0.25	0.97	13	949	26	2 880	564.9	1984	84 03
128	4.57	0.310	0.31	0.98	12	965	24	3 953	559.0	1983	87 12
16	7.00	0.310	0.32	0.98	7	945	30	2 460	568.5	1985	85 05
16	3.70	0.300	0.20	0.99	9	983	27	4 050	531.7	1982	82 08 - GPP
747	6.18	0.320	0.15	0.99	10	959	19	3 718	583.2	1956	86 11 - GPP
712	3.96	0.320	0.10	0.99	10	959	22	4 010	588.3	1947	[illegible] 12 - GPP
1 631	5.44	0.300	0.26	0.99	10	959	22	4 070	599.8	1963	85 12
232	2.72	0.320	0.10	0.99	10	959	22	3 830	544.7	1961	85 12 - GPP
339	3.29	0.320	0.10	0.99	10	959	22	3 990	576.7	1956	76 12
2 397	3.45	0.320	0.19	0.99	10	959	22	3 920	579.0	1947	89 12 - GPP
93	2.99	0.320	0.10	0.99	10	959	22	3 920	574.9	1946	86 07 - ABAND 87 06
32	2.90	0.320	0.10	0.99	10	959	22	4 030	595.0	1945	85 06
16	0.61	0.320	0.10	0.99	10	959	22	4 060	598.6	1944	71 06 - ABAND [illegible] 10
32	3.66	0.320	0.10	0.99	10	959	22	4 010	582.8	1939	71 06 - ABAND 56 06
64	3.78	0.320	0.15	0.99	15	980	22	4 050	590.1	1964	87 12 - GPP
1 160	4.47	0.320	0.10	0.99	10	959	22	4 020	577.8	1944	[illegible] 11 - GPP
32	4.00	0.320	0.10	0.99	10	959	22	4 090	600.8	1965	75 07 - GPP
32	2.01	0.320	0.10	0.99	10	959	22	4 020	577.9	1952	71 06 - ABAND 65 10
16	3.96	0.320	0.10	0.99	10	959	22	4 060	577.3	1948	71 06 - ABAND 55 01
228	5.09	0.300	0.17	0.99	6	959	22	4 840	580.0	1974	85 12 - GPP
80	3.04	0.300	0.24	0.99	10	986	22	3 480	569.5	1977	86 12 - GPP
32	5.30	0.300	0.19	0.99	12	979	21	3 380	576.0	1977	83 12 - SUSP 81 07
187	3.72	0.300	0.22	0.99	12	977	24	3 500	565.8	1978	86 11
16	5.00	0.270	0.33	0.99	9	986	27	3 940	568.8	1977	83 12 - SUSP 81 06
16	8.50	0.310	0.15	0.99	9	959	16	3 630	516.3	1978	79 02 - SUSP 85 04
16	1.50	0.300	0.35	0.99	9	985	27	4 070	594.3	1978	83 12 - SUSP 81 12
16	3.30	0.300	0.21	0.99	9	972	23	3 960	572.9	1978	84 12 - SUSP 84 05
16	5.50	0.320	0.28	0.99	9	985	27	4 000	592.8	1978	79 05 - ABAND 84 07
8	6.90	0.340	0.21	0.97	10	975	22	2 640	564.5	1978	83 12 - ABAND 82 10
16	2.90	0.300	0.24	0.99	9	979	27	4 240	527.1	1978	84 12 - ABAND 85 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
LLOYDMINSTER 050-01W4 (CONTINUED)								
SPARKY WW	263.0	<0.01		0.1		0.1	0.1	
SPARKY XX	760.0	0.07		53.2		53.2	36.8	16.4
SPARKY YY	89.1	<0.01		0.2		0.2	0.2	
SPARKY ZZ	122.0	<0.01		0.5		0.5	0.5	
SPARKY C & GENERAL PETROLEUM A	24 300.0	0.06		1 460.0		1 460.0	1 306.7	153.3
SPARKY & GENERAL PETROLEUM C&D TOT	76 700.0			3 810.0	310.0	4 120.0	2 967.9	1 152.1
PRIMARY AREA	66 200.0	<0.04		2 760.0		2 760.0		
WATER FLOOD AREA	10 500.0	0.10	0.03	1 050.0	310.0	1 360.0		
SPARKY E & GENERAL PETROLEUM F	6 940.0	<0.07		445.0		445.0	343.3	101.7
SPARKY D & GENERAL PETROLEUM B	3 610.0	0.03		108.0		108.0	85.5	22.5
SPARKY I & GENERAL PETROLEUM K	10 300.0	<0.05		416.0		416.0	348.1	67.9
SPARKY VV & GENERAL PETROLEUM I	2 792.0	0.02		55.8		55.8	30.8	25.0
SPARKY AAA	520.0	0.04		20.8		20.8	10.9	9.9
SPARKY BBB	236.0	0.05		11.8		11.8	2.9	8.9
SPARKY EEE	126.0	<0.01		0.1		0.1		0.1
SPARKY FFF	93.9	<0.01		0.1		0.1	0.1	
SPARKY GGG	177.0	0.05		8.9		8.9	4.8	4.1
SPARKY HHH	71.0	<0.01		0.2		0.2	0.2	
SPARKY III	149.0	0.08		11.9		11.9	7.2	4.7
SPARKY JJJ	228.0	0.03		6.8		6.8	3.4	3.4
SPARKY KKK	137.0	<0.01		1.0		1.0	1.0	
SPARKY LLL	336.0	0.05		16.8		16.8	3.4	13.4
SPARKY MMM	60.9	<0.02		1.0		1.0	1.0	
SPARKY NNN	32.9	0.01		0.3		0.3	0.3	
SPARKY OOO	297.0	0.05		14.9		14.9	10.4	4.5
SPARKY PPP	49.4	<0.01		0.1		0.1	0.1	
SPARKY QQQ	71.4	0.05		3.6		3.6	1.0	2.6
SPARKY SSS	166.0	0.02		3.3		3.3	2.6	0.7
SPARKY TTT	150.0	<0.01		0.6		0.6	0.6	
SPARKY UUU	155.0	0.05		7.8		7.8	1.4	6.4
SPARKY WWW	73.2	<0.02		1.4		1.4	1.4	
SPARKY YYY	149.0	<0.01		0.1		0.1	0.1	
SPARKY ZZZ	1 740.0	0.05		87.0		87.0	20.8	66.2
SPARKY A2A	236.0	0.05		11.8		11.8	6.9	4.9
SPARKY B2B	349.0	0.05		17.5		17.5	5.5	12.0
SPARKY C2C	94.7	0.07		6.6		6.6	4.9	1.7
SPARKY D2D	218.0	<0.01		0.8		0.8	0.8	
SPARKY E2E	570.0	0.05		28.5		28.5	11.4	17.1
SPARKY F2F	97.2	0.15		14.6		14.6	12.3	2.3
SPARKY G2G	274.0	0.05		13.7		13.7	6.4	7.3
SPARKY I2I	138.0	<0.01		0.1		0.1	0.1	
SPARKY J2J	90.2	<0.01		0.1		0.1	0.1	
SPARKY L2L	248.0	0.05		12.4		12.4	2.8	9.6
GENERAL PETROLEUM E	186.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM J	921.0	0.05		46.1		46.1	37.0	9.1
GENERAL PETROLEUM L	47.5	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM M	1 663.0	0.05		83.2		83.2	41.7	41.5
GENERAL PETROLEUM N	1 346.0	0.05		67.3		67.3	24.2	43.1
GENERAL PETROLEUM O	56.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM Q	597.0	<0.01		0.7		0.7	0.7	
GENERAL PETROLEUM R	223.0	0.05		11.2		11.2	4.3	6.9
GENERAL PETROLEUM S	83.2	0.10		8.3		8.3	2.9	5.4
GENERAL PETROLEUM T	106.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM U	57.0	0.05		2.9		2.9		2.9
GENERAL PETROLEUM V	175.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM W	136.0	<0.01		0.7		0.7	0.7	
GENERAL PETROLEUM X	715.0	0.05		35.8		35.8	3.0	32.8
GENERAL PETROLEUM Y	55.0	0.04		2.2		2.2		2.2
GENERAL PETROLEUM Z	131.0	0.05		6.6		6.6	0.1	6.5
REX A	706.0	0.03		21.2		21.2	5.8	15.4
LLOYDMINSTER A	176.0	0.03		5.3		5.3	1.8	3.5
LLOYDMINSTER B	392.0	0.01		3.9		3.9	2.2	1.7
LLOYDMINSTER D	165.0	<0.01		0.4		0.4	0.4	
LLOYDMINSTER E	170.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER F	175.0	0.02		3.5		3.5	2.7	0.8

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
16	6.10	0.320	0.14	0.98	10	961	24	2 460	[illegible]	[illegible]	82 12 - ABAND 85 10
108	3.20	0.280	0.19	0.97	10	982	24	2 460	[illegible]	[illegible]	89 12 - GPP
16	3.00	0.280	0.33	0.99	9	982	26	3 888	[illegible]	1980	83 12 - ABAND [illegible]
16	3.80	0.270	0.25	0.99	8	975	26	4 840	[illegible]	1980	81 07 - ABAND 85 10
2 162	3.95	0.320	0.10	0.99	10	959	22	4 020	[illegible]	[illegible]	82 12 - GPP
7 426					10	959	22	4 020	[illegible]	1943	[illegible]
6 681	3.47	0.320	0.10	0.99							
745	4.94	0.320	0.10	0.99							
513	4.74	0.320	0.10	0.99	10	959	22	3 970	[illegible]	[illegible]	78 06 - GPP
320	3.96	0.320	0.10	0.99	10	959	22	3 970	573.0	1952	75 07 - GPP
862	4.19	0.320	0.10	0.99	10	959	22	3 990	583.7	[illegible]	79 07 - GPP
198	5.72	0.300	0.17	0.99	10	980	22	4 010	588.5	[illegible]	90 06 - GPP
64	4.10	0.290	0.31	0.99	9	986	25	4 850	606.2	1980	84 12 - GPP
32	2.93	0.310	0.18	0.99	10	958	28	3 949	559.0	1980	[illegible] 06
16	3.80	0.280	0.25	0.99	9	985	27	4 062	594.6	1981	82 08 - ABAND 83 05
16	2.50	0.300	0.21	0.99	9	988	27	4 103	598.3	1981	[illegible] 08 - SUSP 83 11
16	4.50	0.310	0.20	0.99	9	959	28	4 093	[illegible]	1982	82 11
16	2.30	0.300	0.35	0.99	9	971	23	4 070	595.4	1982	83 01 - SUSP [illegible]
32	2.40	0.280	0.30	0.99	10	962	22	4 027	553.7	1982	89 12
16	7.00	0.300	0.30	0.97	10	975	22	4 060	598.5	1982	[illegible]
8	7.77	0.320	0.29	0.97	10	975	26	4 125	624.9	1979	84 01 - SUSP 84 12
48	3.19	0.300	0.26	0.99	10	975	54	3 960	572.5	1978	84 03 - SUSP 88 09
4	7.00	0.330	0.32	0.97	10	975	22	4 820	618.0	1979	83 09 - SUSP 85 11
16	1.00	0.300	0.30	0.98	8	981	22	4 200	622.3	1983	[illegible] 03 - ABAND 84 05
32	3.50	0.330	0.18	0.98	8	941	19	3 771	556.4	1983	85 12
16	1.50	0.300	0.30	0.98	8	981	22	4 190	628.3	1983	83 11 - SUSP 85 01
16	2.30	0.280	0.30	0.99	10	990	25	4 060	599.8	1983	84 03
16	5.00	0.300	0.30	0.99	9	980	27	4 050	592.0	1984	84 08
16	4.50	0.300	0.30	0.99	10	990	22	3 989	264.8	1984	84 08 - ABAND 84 03
16	4.50	0.310	0.30	0.99	10	990	22	2 500	565.9	1984	85 07
16	2.00	0.330	0.30	0.99	10	985	25	3 980	490.8	1979	89 12 - SUSP 86 10
16	4.00	0.300	0.20	0.97	10	970	27	4 090	592.0	1984	89 12 - SUSP 87 02
160	5.67	0.260	0.24	0.97	12	980	26	4 040	596.1	1974	86 06
16	6.20	0.300	0.20	0.99	9	957	41	3 940	557.5	1979	80 03
32	4.82	0.300	0.23	0.98	12	980	24	4 060	502.8	1985	88 03
16	3.39	0.200	0.10	0.97	9	999	24	3 740	511.1	1965	80 05 - SUSP [illegible]
16	5.00	0.320	0.14	0.99	10	985	30	3 850	548.0	1984	89 12 - SUSP [illegible]
32	7.28	0.320	0.22	0.98	10	979	19	3 274	543.4	1985	87 03
16	2.13	0.320	0.10	0.99	7	959	19	3 750	512.0	1965	86 03
16	7.00	0.330	0.25	0.99	10	986	22	4 724	549.0	1980	80 07 - SUSP 88 06
16	3.35	0.320	0.19	0.99	10	930	30	3 715	601.5	1974	88 12 - SUSP 84 06
16	2.70	0.300	0.29	0.98	8	981	22	3 747	605.2	1980	88 10 - ABAND 88 08
16	7.10	0.300	0.25	0.97	10	975	22	3 920	572.3	1985	88 10 - SUSP 88 11
16	4.27	0.320	0.15	0.99	12	959	21	3 829	602.0	1974	88 12 - ABAND 75 09
96	3.94	0.300	0.18	0.99	10	984	25	3 620	588.4	1975	86 10 - GPP
8	2.74	0.270	0.20	0.99	9	979	27	3 910	588.0	1977	78 03 - SUSP 78 09
294	2.38	0.300	0.20	0.99	8	984	27	3 730	568.7	1977	89 12 - GPP
210	2.84	0.300	0.24	0.99	9	983	27	3 068	580.8	1977	88 12
8	4.00	0.270	0.35	0.99	9	972	27	3 068	615.0	1979	79 10 - ABAND 80 05
16	12.70	0.330	0.10	0.99	10	970	27	4 094	607.7	1981	82 04 - ABAND 87 04
16	5.00	0.320	0.12	0.99	9	974	25	3 719	567.5	1981	82 08
16	2.50	0.280	0.25	0.99	10	988	25	3 836	641.8	1982	89 12 - GPP
16	3.00	0.280	0.20	0.99	9	959	22	3 557	615.2	1983	88 12 - ABAND 84 06
8	3.00	0.300	0.20	0.99	9	983	27	3 840	575.0	1984	84 08
16	4.50	0.310	0.20	0.98	6	970	30	3 780	555.3	1984	85 07 - ABAND 85 06
16	3.50	0.310	0.21	0.99	24	930	26	4 705	571.3	1985	85 11 - ABAND 89 03
64	4.35	0.320	0.19	0.99	14	980	26	3 844	562.9	1985	86 10
16	1.20	0.320	0.10	0.99	10	959	22		594.7	1956	90 07
16	3.20	0.310	0.16	0.98	8	981	22	3 734	622.8	1988	89 03
16	20.00	0.300	0.25	0.98	10	965	25	4 017	600.8	1952	87 09
16	4.88	0.285	0.20	0.99	8	979	27	3 790	610.2	1973	82 12 - GPP
32	5.70	0.310	0.30	0.99	10	959	22	3 450	605.0	[illegible]	85 04 - GPP
16	4.20	0.310	0.20	0.99	9	973	27	4 200	605.7	1977	83 12 - SUSP 80 07
16	4.20	0.320	0.20	0.99	11	990	25	4 220	607.8	1977	83 12 - ABAND 85 10
16	4.60	0.300	0.20	0.99	8	974	27	4 200	605.4	1974	85 07 - SUSP 88 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
LLOYDMINSTER 050-01W4 (CONTINUED)								
LLOYDMINSTER G	179.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER I	89.6	<0.01		0.5		0.5	0.5	
LLOYDMINSTER K	271.0	0.05		13.6		13.6	1.3	12.3
LLOYDMINSTER M	2 150.0	0.05		108.0		108.0	36.7	71.3
CUMMINGS A	359.0	0.03		10.8		10.8	5.9	4.9
CUMMINGS B	487.0	0.06		29.2		29.2	26.4	2.8
CUMMINGS C	66.1	<0.01		0.5		0.5	0.5	
CUMMINGS D	238.0	0.05		11.9		11.9	2.1	9.8
CUMMINGS E	58.7	<0.01		0.1		0.1	0.1	
CUMMINGS F	169.0	<0.01		0.5		0.5	0.5	
CUMMINGS G	155.0	0.05		7.7		7.7	1.7	6.0
CUMMINGS H	163.0	<0.01		0.1		0.1	0.1	
MAJEAU 056-04W5								
LOWER MANNVILLE A	39.6	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE B	62.5	<0.03		1.4		1.4	1.4	
LOWER MANNVILLE D	64.7	0.10		6.5		6.5	5.3	1.2
LOWER MANNVILLE F	147.0	0.10		14.7		14.7	1.3	13.4
BANFF B	529.0	0.10		52.9		52.9	1.7	51.2
BANFF C	36.6	<0.02		0.6		0.6	0.6	
BANFF I	102.0	0.10		10.2		10.2	0.4	9.8
WABAMUN B	106.0	0.05		5.3		5.3	0.4	4.9
MAJORVILLE 018-19W4								
UPPER MANNVILLE B	1 627.0	0.15		244.0		244.0	194.5	49.5
UPPER MANNVILLE C	297.0	0.10		29.7		29.7	13.0	16.7
UPPER MANNVILLE G	136.0	0.15		20.4		20.4	1.0	19.4
UPPER MANNVILLE H	101.0	<0.03		3.0		3.0	3.0	
UPPER MANNVILLE I	208.0	0.10		20.8		20.8	0.9	19.9
LOWER MANNVILLE A	160.0	0.05		8.0		8.0	6.0	2.0
LOWER MANNVILLE C	82.0	0.05		4.1		4.1	0.4	3.7
LOWER MANNVILLE D	193.0	0.10		19.3		19.3	0.1	19.2
MANNVILLE 051-09W4								
UPPER MANNVILLE A	826.0	0.03		24.8		24.8	11.3	13.5
UPPER MANNVILLE B	405.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE M	420.0	<0.01		1.3		1.3	1.3	
LOWER MANNVILLE D	151.0	<0.01		0.2		0.2	0.2	
MARWAYNE 053-01W4								
SPARKY B	149.0	0.03		4.5		4.5	0.4	4.1
MATZIWIN 023-14W4								
PEKISKO A	1 050.0	0.11		116.0		116.0	106.0	10.0
PEKISKO B	168.0	<0.02		2.3		2.3	2.3	
MEDICINE HAT 012-05W4								
GLAUCONITIC C	30 920.0	0.03		928.0		928.0	446.6	481.4
LOWER MANNVILLE A	130.0	0.15		19.5		19.5	12.4	7.1
LOWER MANNVILLE C	127.0	0.10		12.7		12.7	11.2	1.5
LOWER MANNVILLE I	252.0	0.05		12.6		12.6	6.1	6.5
LOWER MANNVILLE K	70.3	0.10		7.0		7.0	2.0	5.0
MEDICINE RIVER 039-03W5								
ELKTON-SHUNDA B	1 262.0	0.15		189.0		189.0	117.4	71.6
MOONEY 072-07W5								
BLUESKY A	1 074.0	0.10		107.0		107.0	13.2	93.8
MORGAN 051-04W4								
SPARKY B	109.0	0.05		5.5		5.5	0.2	5.3
WAINWRIGHT A	112.0	0.04		4.5		4.5	2.7	1.8
LLOYDMINSTER B	1 740.0	0.01		17.4		17.4	4.0	13.4
LLOYDMINSTER D	465.0	0.02		9.3		9.3	1.6	7.7
LLOYDMINSTER A & SPARKY A	77 690.0	<0.02		1 036.0		1 036.0	827.0	209.0
DINA A	159.0	<0.01		0.2		0.2	0.2	
NORRIS 053-18W4								
UPPER MANNVILLE H	166.0	0.05		8.3		8.3	3.8	4.5

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GAS	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVISED AND REMARKS
ha	m	frac	frac	frac	m³/m³	kg/m³	°C	kPa	m		
16	7.62	0.270	0.45	0.99	10	990	27	4 930	654.0	1978	79 04 - SUSP 82 08
16	2.50	0.290	0.22	0.99	22	975	25	4 239	610.0	1983	[illegible] 12 - SUSP [illegible]
16	6.70	0.290	0.12	0.99	22	978	25	3 810	602.[illegible]	1983	84 08 - SUSP [illegible]
108	7.72	0.310	0.16	0.99	10	983	27	4 285	684.3	1977	85 08
32	5.07	0.290	0.23	0.99	10	972	30	4 386	630.1	1977	82 10 - GPP
32	6.40	0.305	0.20	0.99	9	973	27	4 340	632.8	1977	90 12 - GPP
16	2.10	0.280	0.29	0.99	9	980	29	5 250	727.5	[illegible]	79 08 - SUSP 85 11
16	6.30	0.280	0.15	0.99	9	988	29	4 462	655.2	1982	83 04 - SUSP 89 09
16	1.90	0.270	0.27	0.98	9	980	29	4 050	[illegible].8	1983	83 11 - ABAND 84 05
16	4.50	0.300	0.21	0.99	90	973	29	3 844	547.8	1979	88 1[illegible] - SUSP 85 11
16	4.30	0.320	0.29	0.99	9	972	27	4 340	632.9	1985	86 07
16	4.20	0.310	0.21	0.99	9	972	29	4 700	635.2	1987	87 11 - ABAND 87 [illegible]
32	1.40	0.170	0.35	0.80	145	920	32	9 735	1 223.0	1981	84 12 SUSP [illegible]
16	5.00	0.140	0.38	0.90	70	921	58	9 650	1 245.0	1980	[illegible] SUSP [illegible]
32	2.50	0.150	0.35	0.83	66	934	49	9 134	1 2[illegible].6	1979	85 12
32	4.07	0.172	0.27	0.90	38	921	46	9 548	1 248.2	1980	87 03
65	8.84	0.160	0.35	0.89	43	898	44	10 450	1 3[illegible].3	1974	77 03
64	1.30	0.100	0.45	0.80	87	903	32	10 560	1 210.3	1982	83 02 - ABAND 84 [illegible]
16	7.20	0.140	0.30	0.90	43	961	43	13 232	1 23[illegible].1	1985	90 05
32	8.50	0.090	0.51	0.88	51	889	47	10 472	1 388.3	1983	87 03
208	4.92	0.220	0.15	0.85	58	887	60	11 310	1 330.1	1974	87 05
65	3.05	0.240	0.26	0.85	58	887	60	12 740	1 424.3	1973	76 09 - GPP
64	2.00	0.180	0.30	0.84	72	870	40	12 125	1 332.0	1986	87 05
64	2.00	0.140	0.32	0.83	70	872	42	12 169	1 380.5	1981	82 06 SUSP 87 03
64	4.30	0.130	0.30	0.83	73	846	32	11 781	1 346.3	1987	88 06
64	3.66	0.160	0.50	0.85	66	876	40	12 810	1 344.5	1976	[illegible] 12 - GPP
64	1.80	0.135	0.38	0.85	60	872	40	12 379	1 387.1	1987	88 03
64	3.30	0.200	0.45	0.83	83	903	45	11 880	1 386.7	1986	86 12
80	4.88	0.300	0.28	0.98	10	972	33	4 900	626.8	1971	82 12 - GPP
65	2.74	0.310	0.25	0.98	10	979	33	4 830	619.7	1971	72 12 - ABAND 72 05
65	3.05	0.310	0.30	0.98	10	979	21	3 480	586.7	1974	78 01 - SUSP 77 11
16	3.90	0.320	0.23	0.98	6	990	30	4 377	719.0	1981	82 04 - ABAND [illegible]
16	3.50	0.320	0.16	0.99	8	985	25	3 888	522.8	1978	79 12 - SUSP 88 01
296	5.40	0.104	0.30	0.90	53	915	35	9 960	1 021.1	1962	87 12 - GPP
32	6.25	0.132	0.30	0.90	53	892	35	9 860	1 008.6	1960	67 02 - ABAND 71 11
2 576	8.66	0.220	0.30	0.90	45	960	26	10 051	828.0	1981	87 10
40	2.55	0.230	0.43	0.97	9	960	31	10 000	887.8	1978	90 12 - GPP
64	2.10	0.210	0.50	0.90	44	958	27	10 060	891.0	1979	85 12 - GPP
112	2.75	0.150	0.40	0.91	37	945	30	10 202	927.3	1976	84 11 - GPP
16	2.44	0.230	0.14	0.91	35	979	32	10 516	1 030.8	1977	84 09
623	6.00	0.060	0.25	0.75	59	940	70	17 590	2 296.4	1973	88 12
144	4.62	0.247	0.24	0.86	2	953	20	5 745	918.5	1986	88 09
16	3.30	0.280	0.25	0.98	8	981	22	3 450	527.3	1983	88 10
16	4.00	0.200	0.10	0.97	9	990	24	2 650	556.0	1965	86 12
96	7.71	0.300	0.20	0.98	10	980	25	1 768	558.9	1983	89 12
16	10.80	0.320	0.15	0.99	12	990	25	3 325	564.0	1984	85 04
3 540	8.45	0.316	0.17	0.99	7	990	21	3 336	559.1	1962	89 08 - GPP
16	4.50	0.300	0.25	0.98	10	980	25	2 824	595.1	1983	84 03 - ABAND 84 07
32	2.80	0.300	0.30	0.88	30	918	35	5 698	855.2	1979	86 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY	3	4 INITIAL ESTABLISHED RESERVES	5	6	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
NORRIS 053-18W4 (CONTINUED)								
GLAUCONITIC A	82.1	<0.01		0.6		0.6	0.6	
OYEN 029-05W4								
BANFF A	14.3	0.15		2.1		2.1	0.2	1.9
PADDLE RIVER 057-08W5								
RUNDLE	6 040.0	<0.04		203.6		203.6	203.6	
PARADISE 047-02W4								
CUMMINGS A	100.0	<0.01		0.1		0.1	0.1	
PENDANT D'OREILLE 003-08W4								
MANNVILLE D	427.0	<0.01		1.2		1.2	1.2	
MANNVILLE L	96.9	<0.01		0.1		0.1		0.1
PLAIN 053-12W4								
COLONY E	243.0	<0.03		5.0		5.0	4.1	0.9
PRINCESS 020-11W4								
BASAL MANNVILLE E	953.0	<0.01		4.4		4.4	4.4	
BASAL MANNVILLE I	235.0	0.10		23.5		23.5	7.9	15.6
BASAL MANNVILLE O	690.0	<0.01		1.2		1.2	1.2	
BASAL MANNVILLE P	1 260.0	0.05		63.0		63.0	49.5	13.5
BASAL MANNVILLE Q	775.0	<0.01		2.8		2.8	2.8	
BASAL MANNVILLE R	248.0	<0.01		1.3		1.3	1.3	
BASAL MANNVILLE U	137.0	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE V	182.0	0.05		9.1		9.1	7.4	1.7
BASAL MANNVILLE W	80.2	<0.06		4.7		4.7	4.7	
BASAL MANNVILLE X	122.0	<0.01		0.3		0.3	0.3	
PEKISKO A	1 710.0	0.15		257.0		257.0	228.0	29.0
PEKISKO B	360.0	0.07		25.2	ERSO	25.2	21.7	3.5
PEKISKO C	55.1	<0.01		0.3		0.3	0.3	
PEKISKO D	94.0	0.15		14.1	ERSO	14.1	10.0	4.1
PEKISKO E	160.0	0.20		32.0	ERSO	32.0	16.3	15.7
PEKISKO F	65.5	0.10		6.6		6.6	0.8	5.8
JEFFERSON A	531.0	0.10		53.1		53.1	53.1	
PROVOST 036-07W4								
MANNVILLE V	185.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE A	10 100.0	0.03		303.0		303.0	194.7	108.3
UPPER MANNVILLE B	34 200.0	0.03		1 020.0		1 020.0	594.3	425.7
UPPER MANNVILLE C	1 000.0	0.07		70.0		70.0	50.9	19.1
UPPER MANNVILLE E	133.0	0.07		9.3		9.3	8.5	0.8
UPPER MANNVILLE M	250.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE Q	44.2	<0.03		1.3		1.3	1.3	
UPPER MANNVILLE U	39.1	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE V	75.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE X	33.5	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE BB	12 790.0	0.08		1 023.0		1 023.0	553.9	469.1
UPPER MANNVILLE CC	70.2	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE DD	113.0	0.05		5.7		5.7	2.7	3.0
UPPER MANNVILLE JJ	183.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE KK	112.0	<0.01		0.1		0.1		0.1
UPPER MANNVILLE LL	44.7	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE VV	33.6	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE WW	30.4	0.05		1.5		1.5	1.1	0.4
UPPER MANNVILLE XX	53.9	<0.06		3.0		3.0	3.0	
UPPER MANNVILLE YY	164.0	0.10		16.4		16.4	13.5	2.9
UPPER MANNVILLE FFF	471.0	0.03		14.1		14.1	4.2	9.9
UPPER MANNVILLE III	213.0	0.05		10.7		10.7	4.3	6.4
UPPER MANNVILLE KKK	226.0	0.02		4.5		4.5	2.8	1.7
UPPER MANNVILLE LLL	181.0	0.05		9.1		9.1	2.1	7.0
UPPER MANNVILLE MMM	171.0	0.10		17.1		17.1	5.6	11.5
UPPER MANNVILLE NNN	47.8	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE QQQ	292.0	0.05		14.6		14.6	2.4	12.2
UPPER MANNVILLE RRR	690.0	0.05		34.5		34.5	9.4	25.1
UPPER MANNVILLE SSS	371.0	0.10		37.1		37.1	7.4	29.7
UPPER MANNVILLE TTT	40.0	0.10		4.0		4.0	2.8	1.2
UPPER MANNVILLE UUU	129.0	0.10		12.9		12.9	2.0	10.9
UPPER MANNVILLE YYY	48.8	<0.01		0.1		0.1	0.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m³/m³	15 DENSITY kg/m³	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
16	3.10	0.280	0.35	0.91	40	930	29	5 730	861.5	1980	81 09 - ABAND 82 03
16	1.00	0.180	0.45	0.90	42	969	32		962.8	1989	89 12
1 616	6.92	0.075	0.20	0.90	39	959	63	12 310	1 568.8	1986	[illegible] 12 - SUSP [illegible]
16	2.47	0.320	0.20	0.99	9	990	27	5 320	637.7	1977	87 12 - ABAND 89 03
65	6.40	0.210	0.40	0.82	80	910	38	8 370	863.8	1968	73 10 - ABAND 74 10
32	3.60	0.180	0.43	0.82	28	923	33	7 871	861.5	1977	88 12 - ABAND 86 05
64	2.20	0.280	0.34	0.95	11	927	29	4 910	517.2	1974	89 12 - GPP
262	3.05	0.200	0.33	0.89	53	915	33	9 960	979.9	1941	68 09 - ABAND 79 09
64	3.26	0.220	0.43	0.90	40	892	32	9 259	993.2	1960	82 11
65	8.53	0.220	0.39	0.93	32	940	34	10 380	1 004.5	1972	73 12 - SUSP 75 03
195	5.30	0.219	0.38	0.90	46	910	37	9 910	968.7	1972	89 12 - GPP
129	5.56	0.207	0.42	0.90	48	892	33	10 340	1 021.7	1972	83 12 - ABAND 83 12
64	4.03	0.184	0.42	0.90	47	927	33	9 090	964.4	1972	75 12 - ABAND [illegible]
32	4.40	0.180	0.40	0.90	42	922	32	10 187	969.7	1982	83 09 - ABAND 88 06
16	11.20	0.190	0.40	0.89	45	928	33	10 393	972.0	1983	84 02
32	1.75	0.230	0.30	0.89	47	923	33	10 383	972.6	1983	89 12 - ABAND 90 04
32	4.80	0.170	0.48	0.90	42	918	31	10 310	994.0	1986	86 06 - SUSP 86 05
543	6.00	0.070	0.15	0.88	50	881	31	10 960	1 016.5	1946	81 12 - GPP
101	5.03	0.108	0.25	0.88	49	892	34	10 520	1 022.2	1978	87 03 - GPP
16	8.70	0.110	0.60	0.90	44	945	31	10 440	1 025.0	1982	88 12 - ABAND 87 09
24	5.62	0.120	0.34	0.88	49	888	34	10 730	1 037.3	1979	88 12 - GPP
64	2.81	0.140	0.28	0.88	49	881	34	10 494	1 021.2	1980	90 12 - GPP
32	5.00	0.123	0.63	0.90	43	910	32	10 707	1 017.5	1986	86 10
							38	11 070	1 017.1	1944	67 01 - ABAND 69 09
16	4.78	0.300	0.15	0.95	20	934	30	5 750	787.9	1977	83 12 - SUSP 80 05
1 048	4.14	0.300	0.20	0.97	12	965	27	5 900	779.5	1969	81 12 - GPP
1 233	12.71	0.300	0.25	0.97	11	979	24	5 450	744.3	1952	78 11 - GPP
112	4.40	0.300	0.30	0.97	16	921	26	5 790	779.7	1973	89 12
32	3.06	0.253	0.42	0.92	23	915	32	6 140	817.8	1977	85 12
16	6.55	0.300	0.18	0.97	14	972	27	6 170	822.7	1978	78 12 - SUSP 78 10
16	2.47	0.210	0.45	0.97	9	952	34	8 400	1 040.9	1977	78 10 - SUSP 83 12
16	2.10	0.240	0.50	0.97	12	969	30	5 968	915.5	1977	80 11 - SUSP 80 03
16	2.30	0.350	0.40	0.97	13	960	30	6 140	801.3	1979	80 12 - SUSP 82 05
16	1.60	0.270	0.50	0.97	12	980	27	7 179	788.2	1980	81 04 - ABAND 81 09
825	7.51	0.280	0.24	0.97	10	980	26	5 385	1 023.0	1977	90 07 - GPP
16	2.60	0.290	0.40	0.97	12	990	27	6 131	782.7	1980	81 07 - ABAND 86 01
16	3.70	0.290	0.32	0.97	12	990	27	6 141	788.4	1980	81 07 - GPP
16	6.00	0.280	0.30	0.97	12	980	23	5 367	740.5	1981	81 10 - SUSP 81 08
16	3.20	0.300	0.25	0.97	14	980	29	5 900	820.4	1981	83 12 - ABAND 83 11
16	2.00	0.240	0.40	0.97	17	960	26	6 180	933.8	1981	81 10 - SUSP 82 01
16	1.70	0.250	0.49	0.97	10	988	29	5 681	772.7	1982	82 09 - SUSP 84 10
16	1.00	0.280	0.30	0.97	11	940	30	5 369	708.4	1979	82 06 - SUSP 89 11
32	1.00	0.270	0.35	0.96	16	934	30	5 068	768.5	1981	83 12 - ABAND 88 11
80	1.71	0.230	0.45	0.95	17	945	18	5 635	777.0	1978	88 07 - SUSP 89 11
32	9.85	0.220	0.30	0.97	9	957	34	2 707	913.1	1983	89 08 - GPP
64	2.87	0.230	0.48	0.97	11	922	28	5 800	878.9	1983	85 01
64	2.50	0.270	0.45	0.95	11	889	31	6 011	789.8	1984	88 12
32	4.50	0.240	0.46	0.97	11	904	32	6 623	931.8	1984	85 01 - GPP
32	3.20	0.290	0.40	0.96	15	911	27	6 380	873.4	1984	85 03
16	2.00	0.280	0.45	0.97	11	950	32	6 205	759.5	1981	87 12 - SUSP 83 09
32	8.00	0.235	0.50	0.97	11	910	32	5 707	833.6	1984	85 04 - GPP
64	6.51	0.280	0.39	0.97	12	990	27	5 360	780.3	1983	86 07 - GPP
12	12.39	0.310	0.17	0.97	10	980	30	5 237	751.0	1984	88 11 - GPP
32	2.00	0.190	0.63	0.89	45	898	34	5 844	799.5	1984	89 12 - SUSP 90 03
32	5.20	0.190	0.54	0.89	45	898	35	5 978	802.3	1984	85 08
16	3.00	0.230	0.54	0.96	15	910	30	5 385	778.3	1984	85 10 - ABAND 85 10

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PROVOST 036-07W4 (CONTINUED)								
UPPER MANNVILLE S2S	116.0	<0.02		1.6		1.6	1.6	
UPPER MANNVILLE T2T	125.0	0.05		6.3		6.3	5.1	1.2
UPPER MANNVILLE V2V	39.3	<0.04		1.4		1.4	1.4	
UPPER MANNVILLE W2W	61.6	0.05		3.1		3.1	3.1	
UPPER MANNVILLE X2X	43.7	<0.02		0.8		0.8	0.8	
UPPER MANNVILLE A3A	135.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE B3B	245.0	0.02		4.9		4.9	2.4	2.5
UPPER MANNVILLE C3C	133.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE W3W	381.0	0.05		19.1		19.1	3.2	15.9
UPPER MANNVILLE X3X	163.0	0.05		8.2		8.2	2.0	6.2
UPPER MANNVILLE Y3Y	158.0	0.05		7.9		7.9	0.1	7.8
UPPER MANNVILLE A4A	13.0	0.10		1.3		1.3	0.6	0.7
UPPER MANNVILLE C4C	457.0	0.05		22.9		22.9	10.5	12.4
UPPER MANNVILLE D4D	285.0	0.05		14.3		14.3	0.4	13.9
UPPER MANNVILLE E4E	66.4	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE L4L	137.0	0.10		13.7		13.7	2.2	11.5
UPPER MANNVILLE X4X	322.0	0.30		96.6		96.6	34.1	62.5
UPPER MANNVILLE U2U & LLOYDMINSTER T	1 020.0	0.10		102.0		102.0	16.7	85.3
COLONY A	81.9	<0.01		0.5		0.5	0.5	
COLONY B	309.0	<0.01		0.1		0.1	0.1	
COLONY C	69.7	0.05		3.5		3.5	1.8	1.7
COLONY D	24.3	<0.01		0.2		0.2	0.2	
COLONY F	46.0	0.05		2.3		2.3	1.2	1.1
COLONY G	52.7	0.05		2.6		2.6	0.3	2.3
SPARKY A	103.0	0.05		5.2		5.2	2.7	2.5
SPARKY B	106.0	0.05		5.3		5.3	0.9	4.4
SPARKY C	47.1	0.10		4.7		4.7	1.4	3.3
SPARKY D	78.1	0.10		7.8		7.8	3.0	4.8
SPARKY E	35.1	0.10		3.5		3.5	1.3	2.2
SPARKY F	58.8	0.05		2.9		2.9	1.5	1.4
GENERAL PETROLEUM A	31.1	0.05		1.6		1.6	0.1	1.5
GENERAL PETROLEUM B	459.0	0.03		13.8		13.8	3.0	10.8
REX A	541.0	0.05		27.1		27.1	8.2	18.9
LLOYDMINSTER W	89.4	0.10		8.9		8.9	3.4	5.5
LLOYDMINSTER DD TOTAL	2 380.0			310.0	271.0	581.0	486.9	94.1
PRIMARY AREA	122.0	0.13		15.9		15.9		
WATER FLOOD AREA	2 257.0	0.13	0.12	294.0	271.0	565.0		
LLOYDMINSTER EE	461.0	0.06		27.7		27.7	23.6	4.1
LLOYDMINSTER FF	129.0	0.05		6.5		6.5	3.5	3.0
LLOYDMINSTER GG	28.2	0.05		1.4		1.4	0.7	0.7
LLOYDMINSTER HH	77.6	0.05		3.9		3.9	1.2	2.7
LLOYDMINSTER OO	29.0	0.15		4.4		4.4		4.4
CUMMINGS A	2 660.0	0.15		399.0		399.0	310.2	88.8
CUMMINGS B	63.0	<0.01		0.1		0.1	0.1	
CUMMINGS C	243.0	<0.01		0.1		0.1	0.1	
CUMMINGS D	14.3	<0.01		0.1		0.1	0.1	
CUMMINGS E	223.0	0.10		22.3		22.3	0.7	21.6
CUMMINGS F	264.0	0.10		26.4		26.4	17.6	8.8
CUMMINGS G	111.0	0.20		22.2		22.2	17.2	5.0
CUMMINGS H	15.5	0.05		0.8		0.8	0.3	0.5
CUMMINGS I	417.0	0.15		62.6		62.6	37.8	24.8
CUMMINGS J	80.0	0.08		6.4		6.4	4.1	2.3
CUMMINGS L	140.0	0.01		1.4		1.4	1.4	
CUMMINGS M	211.0	0.10		21.1		21.1	15.1	6.0
CUMMINGS N	236.0	0.10		23.6		23.6	12.9	10.7
CUMMINGS O	60.1	0.10		6.0		6.0	3.7	2.3
CUMMINGS P	50.2	0.10		5.0		5.0	2.9	2.1
CUMMINGS S	2 209.0	0.05		110.0		110.0	75.2	34.8
CUMMINGS T	80.3	0.10		8.0		8.0	2.9	5.1
CUMMINGS U	137.0	<0.01		0.1		0.1	0.1	
CUMMINGS V	200.0	0.10		20.0		20.0	7.7	12.3
CUMMINGS W	175.0	0.07		12.3		12.3	8.6	3.7
CUMMINGS X	242.0	0.10		24.2		24.2	9.3	14.9
CUMMINGS Y	1 190.0	0.10		119.0		119.0	40.5	78.5
CUMMINGS Z	22.9	0.05		1.1		1.1	0.1	1.0
CUMMINGS CC	46.8	0.10		4.7		4.7	3.1	1.6
CUMMINGS DD	40.8	0.10		4.1		4.1	0.1	4.0
CUMMINGS EE	165.0	0.10		16.5		16.5	9.5	7.0
CUMMINGS GG	85.0	0.05		4.3		4.3	2.5	1.8

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m³/m³	kg/m³	°C	kPa	m		
16	4.60	0.270	0.40	0.97	15	979	29	5 000	799.3	1984	89 12 - SUSP 88 04
16	3.60	0.290	0.23	0.97	15	990	29	5 476	766.8	1980	88 12
16	1.50	0.260	0.35	0.97	15	980	29	5 780	817.0	1981	88 12 - SUSP 88 04
16	2.10	0.270	0.30	0.97	12	965	28	5 642	844.8	1977	88 12 - SUSP 87 06
16	1.80	0.230	0.32	0.97	13	959	28	5 780	888.1	1977	77 06 - ABAND 87 03
64	1.80	0.200	0.35	0.90	40	860	32	5 788	[illegible]	1988	88 10 - ABAND 88 06
32	5.50	0.290	0.49	0.94	24	908	24	4 600	754.8	1985	86 06
64	2.00	0.250	0.55	0.92	31	820	26	5 626	788.0	1985	86 06 - ABAND 86 11
32	6.40	0.280	0.30	0.95	11	905	28	5 375	701.0	1984	88 06 - SUSP 88 11
16	5.00	0.260	0.19	0.97	13	985	31	5 224	694.1	1987	88 06
16	10.80	0.170	0.44	0.96	13	985	31	7 072	1 045.1	1987	88 07 - SUSP 88 03
16	0.80	0.180	0.41	0.96	13	985	31	7 157	955.9	1988	89 03
64	5.90	0.210	0.40	0.96	13	985	31	6 062	800.6	1989	90 08
16	7.20	0.290	0.11	0.96	13	985	31	5 170	694.1	1987	89 08
16	2.00	0.270	0.20	0.96	13	985	31	5 188	688.6	1988	89 08 - ABAND 89 05
16	5.40	0.240	0.31	0.96	13	985	31	6 674	958.3	1988	89 11
20	9.58	0.230	0.24	0.96	13	985	31		907.8	1989	90 06 - GPP
394	1.91	0.220	0.33	0.92	32	871	32	6 175	946.9	1985	89 10
16	4.00	0.240	0.45	0.97	12	930	27	4 790	591.5	1982	88 12 - SUSP 86 06
16	8.00	0.300	0.17	0.97	12	976	28	5 344	599.0	1983	85 12 - ABAND 86 10
16	3.00	0.290	0.45	0.91	23	932	28	4 890	719.9	1985	86 12 - SUSP 88 08
16	1.30	0.250	0.48	0.90	20	960	29	5 192	698.7	1987	88 03 - ABAND 89 06
32	0.90	0.280	0.40	0.95	20	900	29	5 426	742.0	1989	90 04 - GPP
16	2.00	0.300	0.39	0.90	47	948	25	5 140	706.8	1988	90 10
16	5.00	0.240	0.44	0.96	15	920	27	4 827	727.9	1986	87 08
16	4.00	0.250	0.31	0.96	13	985	31		753.2	1985	89 08
16	1.50	0.280	0.27	0.96	13	985	31		739.6	1988	89 03
40	1.20	0.220	0.23	0.96	13	985	31		757.6	1988	90 12
16	1.50	0.250	0.39	0.96	13	985	31		751.3	1988	89 03
16	2.70	0.270	0.44	0.90	37	890	30	6 516	847.7	1988	90 06 - GPP
16	1.40	0.260	0.45	0.97	11	944	28	7 223	772.7	1983	88 01
32	7.70	0.280	0.30	0.95	18	889	34	5 884	856.2	1988	89 01 - GPP
65	6.65	0.200	0.32	0.92	40	887	35	5 885	794.2	1987	90 03
44	1.00	0.310	0.31	0.95	21	900	28	5 574	783.1	1987	88 12
275					44	931	28	5 480	751.6	1969	88 06
22	2.46	0.290	0.20	0.97							
253	4.23	0.290	0.25	0.97							- GPP
65	3.66	0.270	0.25	0.96	23	910	24	5 480	741.9	1969	88 12
32	2.00	0.300	0.30	0.96	14	908	30	5 251	755.6	1983	85 10
16	1.10	0.300	0.45	0.97	10	908	31	4 549	775.6	1985	86 07
16	2.00	0.300	0.14	0.94	22	905	27	5 075	782.0	1987	88 10
4	3.30	0.290	0.22	0.97	10	919	31	5 886	751.1	1989	90 12
1 450	1.66	0.190	0.40	0.97	27	876	28	6 130	834.8	1973	87 12
64	1.00	0.170	0.40	0.96	18	888	28	7 180	946.2	1979	83 12 - SUSP 80 05
16	7.00	0.280	0.20	0.97	11	938	26	3 500	840.5	1982	85 12 - SUSP 84 10
16	0.70	0.240	0.45	0.97	11	931	26	5 895	828.1	1983	84 01 - SUSP 84 08
64	2.00	0.300	0.40	0.97	9	865	35	4 959	919.0	1983	84 03
64	2.10	0.270	0.25	0.97	9	875	33	5 468	796.1	1983	84 03
64	1.50	0.240	0.48	0.93	9	866	33	5 568	832.0	1983	87 12
16	1.00	0.200	0.50	0.97	10	988	31	5 026	792.0	1983	83 09 - SUSP 87 12
256	0.87	0.280	0.31	0.97	25	910	29	5 366	787.2	1984	87 12
32	1.71	0.260	0.42	0.97	12	924	27	5 033	775.2	1984	88 12
16	4.00	0.300	0.25	0.97	13	990	27	[illegible]	827.0	1983	88 12 - ABAND 89 10
64	1.60	0.280	0.20	0.92	28	918	24	4 818	790.4	1984	87 12
102	1.27	0.280	0.33	0.97	15	920	32	5 627	795.3	1985	89 12
27	1.53	0.250	0.40	0.97	11	902	27	5 069	800.3	1984	88 12
23	1.50	0.250	0.40	0.97	11	902	28	5 075	764.2	1984	88 12
385	2.55	0.290	0.20	0.97	9	953	29	5 812	814.9	1986	89 10 - GPP
64	1.20	0.220	0.50	0.95	21	900	28	5 631	802.8	1987	88 04
32	2.80	0.240	0.33	0.95	11	905	28	4 877	794.7	1987	88 05 - ABAND 88 01
48	2.23	0.260	0.26	0.97	11	905	28	5 488	785.6	1988	89 05
64	1.77	0.250	0.35	0.95	11	905	28		1 027.2	1988	89 12
64	2.28	0.270	0.36	0.96	13	985	31	4 869	805.4	1988	89 12
434	1.40	0.260	0.21	0.95	11	905	28	5 475	823.8	1987	89 05
16	1.10	0.020	0.33	0.97	13	970	31	5 479	781.6	1988	88 07
32	1.50	0.190	0.46	0.95	11	905	28	6 077	905.5	1988	88 11
32	1.20	0.200	0.44	0.95	11	905	28	5 781	852.1	1988	88 11
64	1.76	0.230	0.33	0.95	11	905	28	5 928	824.2	1988	88 11
32	2.20	0.240	0.47	0.95	11	905	28		895.9	1988	90 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
PROVOST 036-07W4 (CONTINUED)								
CUMMINGS HH	48.6	0.10		4.9		4.9	2.9	2.0
CUMMINGS JJ	52.9	0.05		2.6		2.6	0.1	2.5
CUMMINGS LL	41.5	0.10		4.2		4.2	0.8	3.4
CUMMINGS NN	29.2	0.15		4.4		4.4	2.8	1.6
CUMMINGS OO	21.9	0.25		5.5		5.5	1.0	4.5
CUMMINGS PP	440.0	0.15		66.0		66.0	26.6	39.4
CUMMINGS QQ	156.0	0.25		39.0		39.0	17.7	21.3
CUMMINGS RR	19.2	0.20		3.8		3.8	1.7	2.1
CUMMINGS SS	63.5	0.15		9.5		9.5	3.8	5.7
CUMMINGS TT	196.0	0.10		19.6		19.6	0.5	19.1
CUMMINGS UU	36.3	0.15		5.4		5.4	2.4	3.0
CUMMINGS VV	117.0	0.10		11.7		11.7	2.0	9.7
CUMMINGS WW	112.0	<0.03		2.5		2.5	2.5	
CUMMINGS XX	131.0	0.05		6.6		6.6	3.1	3.5
CUMMINGS YY	66.2	0.10		6.6		6.6	1.0	5.6
CUMMINGS ZZ	88.4	0.10		8.8		8.8	3.3	5.5
CUMMINGS BBB	47.5	0.15		7.1		7.1		7.1
LOWER MANNVILLE C	169.0	0.10		16.9		16.9	10.3	6.6
LOWER MANNVILLE E	34.1	0.10		3.4		3.4	1.7	1.7
LOWER MANNVILLE H	96.0	<0.01		0.9		0.9	0.9	
LOWER MANNVILLE J	90.9	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE Z	2 046.0	0.10		205.0		205.0	165.1	39.9
LOWER MANNVILLE MM	52.1	<0.05		2.4		2.4	2.4	
DINA A	3 500.0	0.30		1 050.0		1 050.0	573.0	477.0
DINA C	7 363.0	0.10		736.0		736.0	293.1	442.9
DINA E	748.0	<0.01		3.3		3.3	3.3	
DINA F	37.3	<0.01		0.3		0.3	0.3	
DINA G	286.0	<0.01		2.8		2.8	2.8	
DINA H	123.0	<0.01		0.3		0.3	0.3	
DINA I	145.0	<0.01		0.1		0.1	0.1	
DINA J	123.0	<0.01		0.9		0.9	0.9	
DINA K	264.0	0.05		13.2		13.2	2.3	10.9
DINA L	1 780.0	0.25		445.0		445.0	240.0	205.0
DINA M	222.0	<0.01		0.2		0.2	0.2	
DINA N	7 693.0	0.10		769.0		769.0	561.9	207.1
DINA O	3 475.0	0.04		139.0		139.0	100.4	38.6
DINA P	131.0	<0.01		0.3		0.3	0.3	
DINA Q	262.0	0.05		13.1		13.1	3.8	9.3
DINA R	659.0	0.03		19.8		19.8	13.4	6.4
DINA S	2 609.0	0.20		522.0		522.0	424.5	97.5
DINA T	150.0	0.10		15.0		15.0	7.6	7.4
DINA U	181.0	0.15		27.2		27.2	6.9	20.3
DINA V	197.0	0.10		19.7		19.7	0.4	19.3
DINA W	1 000.0	0.30		300.0		300.0	157.9	142.1
DINA X	1 163.0	0.25		291.0		291.0	131.5	159.5
DINA Y	2 456.0	0.25		614.0		614.0	166.0	448.0
DINA Z	194.0	0.05		9.7		9.7	0.2	9.5
DINA AA	179.0	0.05		9.0		9.0	2.4	6.6
DINA BB	122.0	0.20		24.4		24.4	4.4	20.0
DINA CC	715.0	0.10		71.5		71.5	43.0	28.5
DINA DD	180.0	0.25		45.0		45.0	21.8	23.2
DINA EE	133.0	<0.01		0.4		0.4	0.4	
DINA FF	515.0	0.05		25.8		25.8	7.9	17.9
DINA GG	365.0	<0.01		0.1		0.1	0.1	
DINA HH	181.0	0.10		18.1		18.1	2.8	15.3
DINA II	446.0	0.05		22.3		22.3	2.2	20.1
DINA JJ	197.0	0.30		59.1		59.1	27.0	32.1
DINA KK	155.0	0.05		7.8		7.8	0.6	7.2
DINA LL	87.4	0.07		6.1		6.1	4.0	2.1
DINA NN	275.0	0.30		82.5		82.5	77.6	4.9
DINA OO	654.0	0.10		65.4		65.4	21.2	44.2
DINA PP	510.0	0.10		51.0		51.0	33.8	17.2
DINA QQ	38.2	<0.01		0.2		0.2	0.2	
DINA RR	542.0	0.05		27.1		27.1	10.7	16.4
DINA SS	1 352.0	0.30		406.0		406.0	311.8	94.2
DINA TT	78.2	0.05		3.9		3.9	0.5	3.4
DINA VV	113.0	<0.01		0.2		0.2	0.2	
DINA YY	3 470.0	0.20		694.0		694.0	243.2	450.8
DINA AAA	80.0	0.30		24.0		24.0	6.9	17.1
DINA BBB	24.3	0.25		6.1		6.1	3.7	2.4
DINA CCC	251.0	0.05		12.6		12.6	5.3	7.3

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVISED AND REMARKS
ha	m	frac	frac	frac	m³/m³	kg/m³	°C	kPa	m		
32	1.20	0.230	0.42	0.95	11	905	28	5 480	[illegible]	[illegible]	89 [illegible]
32	1.20	0.250	0.42	0.95	11	905	28	6 024	[illegible]	[illegible]	89 [illegible]
32	0.70	0.250	0.22	0.95	11	905	28	6 184	891.7	[illegible]	89 [illegible] - SUSP [illegible]
16	1.00	0.260	0.26	0.95	11	905	28	[illegible] 920	[illegible]	1988	89 12
16	1.20	0.240	0.50	0.95	11	905	28	[illegible]	[illegible]	1988	90 12
89	3.46	0.220	0.32	0.95	11	905	28	5 [illegible]	821.[illegible]	1988	89 [illegible]
88	1.05	0.240	0.26	0.95	11	905	28	6 264	860.2	1988	90 [illegible]
16	0.70	0.280	0.37	0.97	58	944	41	5 212	[illegible]	[illegible]	90 12
32	1.50	0.240	0.42	0.95	11	905	28	5 882	[illegible]	[illegible]	89 [illegible]
32	4.00	0.260	0.38	0.95	11	905	28		904.0	1989	89 08
16	1.60	0.210	0.29	0.95	11	905	28		835.[illegible]	1989	89 09
64	1.87	0.210	0.51	0.95	11	905	28	5 303	[illegible]	1989	89 10
64	1.00	0.270	0.33	0.97	7	956	29	5 575	[illegible]	[illegible]	89 12 - SUSP [illegible]
32	1.80	0.300	0.22	0.97	10	910	32	5 221	[illegible]	1985	85 09
64	1.10	0.180	0.45	0.95	11	905	28	6 402	[illegible]	1989	90 [illegible]
32	2.30	0.230	0.45	0.95	11	905	28		807.7	[illegible]	90 04
32	1.00	0.220	0.29	0.95	11	905	28		[illegible]	[illegible]	[illegible] 09
64	2.30	0.230	0.48	0.96	18	865	32	7 000	[illegible]	1978	79 01
16	1.80	0.210	0.40	0.94	27	917	32	5 840	909.3	1976	79 05
16	3.40	0.280	0.35	0.97	10	930	27	6 099	[illegible]	1980	88 12 - ABAND [illegible]
16	3.50	0.270	0.38	0.97	12	970	29	6 047	789.3	1980	81 01 - ABAND 82 06
128	7.05	0.280	0.12	0.92	34	900	34	5 920	910.0	[illegible]	81 [illegible] - GPP
16	2.80	0.240	0.50	0.97	12	953	21	6 005	915.3	1980	88 12 - SUSP [illegible]
460	4.00	0.280	0.30	0.97	38	894	31	5 430	792.3	1982	90 12 - GPP
640	5.80	0.280	0.23	0.92	36	918	28	5 463	820.3	1983	89 09 - GPP
64	6.99	0.250	0.31	0.97	11	960	30	5 733	850.3	1981	84 [illegible] - ABAND [illegible]
16	1.80	0.240	0.40	0.90	41	939	30	5 927	817.9	1983	84 09 - GPP
32	4.28	0.290	0.20	0.90	28	922	31	5 733	918.1	[illegible]	86 05 - ABAND [illegible]
32	4.00	0.200	0.50	0.96	25	904	28	5 607	777.2	[illegible]	89 03 - SUSP [illegible]
16	3.90	0.300	0.20	0.97	20	976	30	6 222	867.1	1984	88 12 - ABAND 89 08
16	4.10	0.280	0.30	0.96	23	925	29	5 489	795.3	[illegible]	84 01 - ABAND [illegible]
32	4.05	0.280	0.25	0.97	15	945	30	5 504	808.7	[illegible]	87 [illegible] - GPP
150	5.53	0.280	0.21	0.97	7	914	27	5 382	838.2	1984	88 12 - GPP
32	3.50	0.280	0.27	0.97	11	904	30	5 514	814.[illegible]	1984	85 08 - SUSP 85 [illegible]
494	6.67	0.290	0.17	0.97	10	934	31	5 930	836.6	[illegible]	88 10 - GPP
269	5.67	0.290	0.19	0.97	10	928	30	5 910	834.0	[illegible]	87 12 - GPP
16	3.50	0.290	0.17	0.97	11	946	29	5 503	823.3	1984	88 12 - SUSP [illegible]
32	5.03	0.230	0.27	0.97	10	960	30	6 037	819.2	1984	86 [illegible] - GPP
48	6.03	0.290	0.19	0.97	15	920	27	5 377	790.2	1983	86 06 - GPP
262	4.94	0.230	0.25	0.96	13	874	32	6 466	902.3	1985	88 12 - GPP
32	2.81	0.260	0.34	0.97	15	915	30	6 292	962.4	1985	88 12 - GPP
32	2.69	0.280	0.21	0.95	12	950	30	5 992	829.3	[illegible]	88 [illegible] - GPP
64	2.80	0.230	0.47	0.90	40	930	33	6 585	953.4	1987	87 09 - SUSP 87 11
200	2.64	0.280	0.30	0.97	32	893	34	5 734	835.1	1987	88 12 - GPP
126	8.10	0.210	0.41	0.92	33	887	34	6 635	959.4	1987	90 05 - GPP
398	3.63	0.230	0.23	0.96	14	876	34	5 964	986.3	1987	90 11 - GPP
64	3.30	0.200	0.49	0.90	41	876	34	6 215	986.4	1987	88 01 - GPP
16	7.30	0.220	0.28	0.97	7	956	27	6 565	815.2	1984	88 01 - SUSP 88 [illegible]
16	4.20	0.250	0.23	0.94	22	905	27	5 515	827.2	1987	89 12 - GPP
157	2.49	0.250	0.23	0.95	18	889	34	6 [illegible]	919.9	1975	89 08 - GPP
50	1.92	0.260	0.25	0.96	39	883	30	6 296	1 003.7	1987	89 12 - GPP
16	5.30	0.225	0.28	0.97	7	915	27	5 457	789.6	1987	88 06 - ABAND 88 04
128	3.20	0.220	0.37	0.90	33	892	34	6 884	1 004.5	1987	88 06 - GPP
32	4.50	0.290	0.10	0.97	7	915	27	6 118	790.0	1988	88 07 - ABAND 88 [illegible]
32	3.30	0.230	0.23	0.97	7	915	27	5 951	834.9	1988	88 08 - GPP
32	6.20	0.290	0.20	0.97	7	915	27	6 124	835.9	1988	88 08 - GPP
40	3.40	0.230	0.35	0.97	7	915	27	5 844	962.3	1988	90 12 - GPP
32	2.30	0.290	0.25	0.97	7	914	27	5 522	860.9	1988	88 08 - GPP
16	3.30	0.230	0.25	0.96	16	931	30	5 456	828.7	1985	90 12 - GPP
49	3.27	0.230	0.23	0.97	7	915	27	5 983	958.2	1988	89 12 - GPP
160	3.19	0.220	0.38	0.94	23	876	27	6 165	931.9	1988	89 08 - GPP
52	7.07	0.220	0.35	0.97	7	915	27	6 615	971.4	1988	89 04 - GPP
32	1.10	0.260	0.57	0.97	7	915	27	6 241	987.6	1988	88 11 - ABAND 88 05
32	8.10	0.280	0.23	0.97	7	915	27	5 459	787.4	1988	88 11 - GPP
185	4.20	0.230	0.22	0.97	7	915	27	6 047	928.6	1988	90 12 - GPP
32	1.50	0.240	0.30	0.97	7	914	27	6 061	822.3	1988	88 11 - SUSP 88 12
16	4.00	0.250	0.27	0.97	7	915	27	5 030	808.0	1988	88 12 - ABAND 89 02
674	2.76	0.260	0.26	0.97	7	915	27		840.3	1989	89 07 - GPP
16	3.53	0.200	0.27	0.97	7	914	27		981.2	1988	90 12 - GPP
8	2.85	0.180	0.39	0.97	7	914	27	6 457	931.1	1988	89 01 - GPP
64	4.00	0.220	0.53	0.95	13	879	33	6 755	981.7	1988	89 01 - GPP

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
PROVOST 036-07W4 (CONTINUED)								
DINA DDD	181.0	0.05		9.1		9.1	0.4	8.7
DINA FFF	132.0	0.20		26.4		26.4	16.0	10.4
DINA GGG	380.0	0.30		114.0		114.0	42.7	71.3
DINA III	44.7	0.10		4.5		4.5	2.5	2.0
DINA JJJ	80.0	0.05		4.0		4.0	0.4	3.6
DINA KKK	160.0	0.10		16.0		16.0	4.7	11.3
DINA LLL	29.7	<0.01		0.1		0.1	0.1	
DINA MMM	173.0	0.05		8.7		8.7	0.1	8.6
DINA NNN	75.6	0.10		7.6		7.6	1.0	6.6
DINA OOO	262.0	0.10		26.2		26.2	17.6	8.6
DINA PPP	1 490.0	0.35		522.0		522.0	118.5	403.5
DINA QQQ	53.1	0.25		13.3		13.3	4.7	8.6
DINA RRR	65.6	0.25		16.4		16.4	6.0	10.4
DINA SSS	27.6	<0.01		0.1		0.1	0.1	
DINA TTT	25.8	0.10		2.6		2.6	0.1	2.5
DINA UUU	336.0	0.30		101.0		101.0	49.3	51.7
DINA VVV	406.0	0.30		122.0		122.0	23.1	98.9
DINA WWW	8.2	0.20		1.6		1.6	0.4	1.2
DINA XXX	48.3	0.10		4.8		4.8	0.4	4.4
DINA YYY	80.5	0.10		8.1		8.1	3.3	4.8
DINA ZZZ	61.5	0.25		15.4		15.4	5.3	10.1
DINA B2B	850.0	0.10		85.0		85.0	22.9	62.1
DINA C2C	738.0	0.30		221.0		221.0	52.3	168.7
DINA D2D	78.8	0.20		15.8		15.8	1.8	14.0
DINA E2E	1 644.0	0.30		493.0		493.0	128.5	364.5
DINA F2F	212.0	0.20		42.4		42.4	23.8	18.6
DINA G2G	6.3	0.25		1.6		1.6	0.1	1.5
DINA H2H	98.1	0.20		19.6		19.6	2.0	17.6
DINA I2I	49.2	0.25		12.3		12.3	6.3	6.0
DINA J2J	130.0	0.20		26.0		26.0	0.1	25.9
DINA K2K	86.8	0.20		17.4		17.4	0.3	17.1
DINA M2M	38.4	0.20		7.7		7.7	1.7	6.0
DINA N2N	174.0	0.30		52.2		52.2	5.9	46.3
DINA O2O	939.0	0.05		47.0		47.0	16.7	30.3
DINA P2P	114.0	<0.01		0.1		0.1	0.1	
DINA Q2Q	90.6	0.20		18.1		18.1	3.2	14.9
DINA R2R	243.0	0.20		48.6		48.6	1.8	46.8
DINA T2T	61.5	0.20		12.3		12.3	1.0	11.3
DINA U2U	111.0	0.10		11.1		11.1	0.9	10.2
DINA L2L & S2S	302.0	0.25		75.5		75.5	36.3	39.2
DINA G3G	48.3	0.30		14.5		14.5		14.5
DINA I3I	29.4	0.30		8.8		8.8	1.2	7.6
BASAL QUARTZ C	7 841.0	0.25		1 960.0		1 960.0	701.2	1 258.8
ELLERSLIE A	34.4	<0.03		1.1		1.1	1.1	
ELLERSLIE F	247.0	0.10		24.7		24.7	5.5	19.2
RAINIER 017-15W4								
GLAUCONITIC A	400.0	0.10		40.0		40.0	35.6	4.4
GLAUCONITIC E TOTAL	840.0			84.0	81.0	165.0	118.0	47.0
PRIMARY AREA	300.0	0.10		30.0		30.0		
WATER FLOOD AREA	540.0	0.10	0.15	54.0	81.0	135.0		
BASAL QUARTZ A	38.3	<0.01		0.2		0.2	0.2	
REAGAN 001-19W4								
RUNDLE A	460.0	0.18		82.8		82.8	77.0	5.8
RED COULEE 001-17W4								
CUTBANK B	1 010.0	0.05		50.5		50.5	44.7	5.8
CUTBANK C	158.0	0.03		4.7		4.7	2.0	2.7
RUNDLE A	86.8	0.15		13.0		13.0	10.7	2.3
RUNDLE B	36.5	0.02		0.7		0.7	0.7	
RETLAW 012-18W4								
MANNVILLE I	1 270.0	0.12		152.0		152.0	131.1	20.9
MANNVILLE O	124.0	<0.02		1.7		1.7	1.7	
MANNVILLE Q	183.0	<0.01		0.1		0.1	0.1	
MANNVILLE R	238.0	0.05		11.9		11.9	8.4	3.5
MANNVILLE V	2 210.0	0.10		221.0		221.0	56.5	164.5
MANNVILLE W	371.0	0.04		14.8		14.8	10.2	4.6
MANNVILLE EE	320.0	0.06		19.2		19.2	13.6	5.6
MANNVILLE FF	178.0	<0.01		0.1		0.1	0.1	

9 AREA ha	10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 WATER SATN frac	13 SHRINKAGE frac	14 INITIAL SOLUTION GOR m3/m3	15 DENSITY kg/m3	16 TEMP °C	17 INITIAL PRESSURE kPa	18 MEAN FORMATION DEPTH m	19 DISC YEAR	20 DATE LAST PRODUCED AND REMARKS
32	6.00	0.200	0.17	0.89	42	[illegible]	32	[illegible]	[illegible]	1988	89 01 - GPP
32	3.72	0.220	0.18	0.97	9	935	28	6 442	981.[illegible]	1988	89 03 - GPP
100	2.09	0.250	0.25	0.97	9	935	28	6 [illegible]	[illegible]	1988	90 12 - GPP
16	2.80	0.210	0.51	0.97	9	935	28	6 242	1 058.8	1988	89 03 - GPP
16	3.90	0.210	0.37	0.97	9	935	28	6 780	[illegible]	1988	89 03 - GPP
16	7.00	0.230	0.36	0.97	9	935	28	6 089	1 009.0	1988	89 03 - GPP
16	1.60	0.210	0.43	0.97	9	935	28		[illegible].2	1988	89 03 - ABAND 89 11
16	5.50	0.260	0.22	0.97	9	935	28	5 [illegible]	901.3	1988	89 03 - SUSP 88 12
16	3.50	0.240	0.42	0.97	9	935	28	6 [illegible]	[illegible].8	1988	89 03 - GPP
32	4.30	0.250	0.21	0.97	9	935	28	6 341	[illegible].0	1988	89 03 - GPP
249	3.38	0.240	0.24	0.97	9	935	28	6 154	820.0	1988	90 12 - GPP
8	3.85	0.230	0.21	0.95	9	935	28	6 339	[illegible]	1988	89 04 - GPP
8	4.76	0.250	0.29	0.97	9	935	28		932.5	1988	89 04 - GPP
16	1.80	0.190	0.48	0.97	9	935	28	6 [illegible]	[illegible]	1988	89 04 - ABAND 90 0[illegible]
4	7.00	0.190	0.50	0.97	9	935	28	5 [illegible]	984.9	1988	89 04 - GPP
24	7.71	0.260	0.28	0.97	9	935	28	6 376	982.2	1988	89 12 - GPP
60	4.50	0.230	0.31	0.95	11	905	28	5 [illegible]	981.4	1988	90 [illegible] - GPP
4	2.30	0.210	0.56	0.97	9	935	28	6 456	940.9	1988	89 05 - GPP
16	3.60	0.160	0.46	0.97	9	935	28		808.0	1988	89 05 - GPP
16	4.00	0.240	0.46	0.97	9	935	28	6 435	978.4	1988	89 05 - GPP
4	8.80	0.250	0.28	0.97	9	935	28	6 302	965.7	1988	89 05 - GAA
228	2.90	0.250	0.47	0.97	36	850	38	7 163	1 061.6	1981	89 11 - GAA
50	8.45	0.250	0.28	0.97	9	935	28	4 861	880.8	1989	90 03 - GPP
16	3.90	0.210	0.38	0.97	9	935	28	6 216	820.5	1989	89 08 - GAA
155	5.80	0.280	0.29	0.92	36	900	28		835.9	1979	90 12 - GAA
32	3.90	0.240	0.27	0.97	9	935	28	6 280	829.5	1989	89 10 - GAA
4	2.80	0.200	0.71	0.97	9	935	28	6 016	952.8	1989	89 10 - GPP
16	6.40	0.190	0.48	0.97	9	935	28	6 330	936.9	1988	89 10 - GPP
8	5.03	0.200	0.37	0.97	9	935	28	6 289	861.8	1989	89 10 - GPP
16	5.60	0.200	0.25	0.97	9	935	28	5 621	909.0	1989	89 11 - GPP
16	3.70	0.240	0.37	0.97	9	875	30	6 900	956.9	1989	89 11 - GPP
16	2.50	0.180	0.45	0.97	9	935	28	6 261	829.8	1989	89 11 - GPP
65	2.60	0.200	0.47	0.97	9	935	28	5 629	962.0	1989	90 10 - GPP
206	2.30	0.280	0.27	0.97	11	917	31	5 307	788.5	1976	89 08 - GPP
16	3.50	0.300	0.30	0.97	7	910	27	4 992	779.0	1984	89 12 - SUSP 87 05
16	3.20	0.250	0.27	0.97	9	935	28		866.9	1989	90 01 - GPP
16	7.00	0.280	0.20	0.97	9	935	28		864.1	1989	90 02 - GPP
16	2.50	0.260	0.39	0.97	9	935	28	6 258	851.8	1989	90 03 - GPP
8	10.90	0.230	0.43	0.97	9	935	28		874.8	1989	90 12 - GPP
39	4.39	0.260	0.30	0.97	9	935	28		965.5	1989	90 09 - GPP
16	3.20	0.180	0.46	0.97	9	935	28	6 251	1 008.1	1988	90 10 - GPP
8	2.84	0.230	0.42	0.97	9	935	28	5 827	863.6	1980	90 11 - GPP
434	8.72	0.290	0.24	0.94	25	921	33	5 827	892.6	1975	90 12 - GPP
32	1.50	0.130	0.40	0.92	34	917	35	5 722	914.1	1981	85 12 - ABAND 84 08
32	4.30	0.260	0.25	0.92	40	900	32	7 349	1 054.4	1987	87 10
49	4.35	0.260	0.18	0.88	41	888	28	11 076	1 032.0	1981	87 12
186					60	867	31	10 980	1 028.2	1981	86 12
122	1.40	0.250	0.20	0.88							
64	4.80	0.250	0.20	0.88							- GPP
32	1.40	0.160	0.40	0.89	40	905	21	11 128	1 066.3	1980	84 12 - ABAND 86 10
274	2.78	0.110	0.27	0.75	127	844	29	7 580	1 094.2	1957	81 12 - GPP
229	4.18	0.180	0.37	0.93	32	904	27	6 030	838.2	1960	85 12 - GPP
32	5.91	0.180	0.42	0.80	32	904	30	6 000	896.0	1966	86 02
25	5.61	0.110	0.25	0.75	32	910	28	6 270	948.2	1960	90 12 - GPP
16	3.66	0.110	0.25	0.75	32	904	28	6 210	879.7	1966	77 04 - SUSP 68 12
454	2.13	0.218	0.30	0.86	54	921	39	11 580	1 086.1	1964	88 12 - GPP
65	1.77	0.172	0.27	0.86	45	946	37	11 810	1 106.7	1970	72 02 - ABAND 72 1[illegible]
65	2.74	0.190	0.37	0.86	66	921	41	11 893	1 065.6	1971	74 04 - ABAND 74 03
96	2.25	0.197	0.35	0.86	14	921	38	11 550	1 091.1	1974	79 12
1 056	1.53	0.200	0.23	0.89	57	946	32	11 720	1 069.5	1971	85 09
96	3.53	0.185	0.32	0.87	57	921	32	12 030	1 134.9	1976	87 03 - GPP
192	1.99	0.150	0.35	0.86	52	910	34	11 690	1 089.0	1978	88 12 - GPP
65	3.05	0.160	0.35	0.87	59	910	35	11 690	1 121.0	1978	78 12 - ABAND 82 07

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
RETLAW 012-18W4 (CONTINUED)								
MANNVILLE GG	92.7	<0.01		0.1		0.1	0.1	
MANNVILLE MM	90.4	<0.01		0.4		0.4	0.4	
MANNVILLE PP	260.0	0.10		26.0		26.0	12.3	13.7
MANNVILLE UU	44.8	<0.01		0.1		0.1	0.1	
MANNVILLE WW	244.0	<0.01		0.1		0.1	0.1	
MANNVILLE AAA	195.0	<0.01		1.2		1.2	1.2	
MANNVILLE BBB	1 300.0	0.05		65.0		65.0	26.2	38.8
MANNVILLE FFF	207.0	0.07		14.5		14.5	10.5	4.0
MANNVILLE JJJ	54.1	<0.03		1.5		1.5	1.5	
MANNVILLE KKK	105.0	0.10		10.5		10.5	1.8	8.7
MANNVILLE OOO	97.3	0.10		9.7		9.7	8.7	1.0
MANNVILLE TTT	21.3	0.05		1.1		1.1	1.1	
MANNVILLE B2B	44.1	<0.01		0.1		0.1	0.1	
MANNVILLE F2F	76.0	<0.01		0.4		0.4	0.4	
MANNVILLE G2G	405.0	0.10		40.5		40.5	5.2	35.3
MANNVILLE N2N	57.4	<0.01		0.1		0.1	0.1	
MANNVILLE P2P	55.0	0.10		5.5		5.5	1.7	3.8
MANNVILLE Q2Q	231.0	0.05		11.6		11.6	1.9	9.7
MANNVILLE R2R	101.0	0.10		10.1		10.1	0.1	10.0
MANNVILLE T2T	41.4	0.10		4.1		4.1	1.7	2.4
RIBSTONE 043-04W4								
SPARKY A	3 184.0	0.05		159.0		159.0	68.2	90.8
SPARKY B	162.0	0.10		16.2		16.2	13.5	2.7
GENERAL PETROLEUM A	71.5	0.07		5.0		5.0	3.6	1.4
LLOYDMINSTER A	373.0	0.02		7.5		7.5	2.8	4.7
LLOYDMINSTER B	163.0	0.01		1.6		1.6	1.6	
LLOYDMINSTER C	41.9	<0.01		0.1		0.1	0.1	
LLOYDMINSTER D	28.2	0.05		1.4		1.4	0.8	0.6
NISKU B	506.0	0.05		25.3		25.3	14.7	10.6
NISKU C	125.0	<0.02		1.5		1.5	1.5	
NISKU D	267.0	0.05		13.4		13.4	4.8	8.6
NISKU E	267.0	0.05		13.3		13.3	1.7	11.6
NISKU A & CAMROSE A	1 031.0	0.10		103.0		103.0	59.3	43.7
RICHDALE 030-13W4								
LOWER MANNVILLE G	80.0	0.15		12.0		12.0	8.5	3.5
RIVERCOURSE 047-01W4								
COLONY A	245.0	<0.03		6.2		6.2	6.2	
COLONY B	265.0	<0.06		2.9		2.9	2.9	
COLONY G	98.2	0.05		4.9		4.9	2.4	2.5
SPARKY A	307.0	0.10		30.7		30.7	26.2	4.5
SPARKY B	283.0	0.03		8.5		8.5	6.5	2.0
SPARKY C	263.0	0.01		2.6		2.6	1.9	0.7
SPARKY D	186.0	<0.02		3.2		3.2	3.2	
SPARKY E	65.2	0.05		3.3		3.3	1.3	2.0
GENERAL PETROLEUM A	83.5	0.03		2.5		2.5		2.5
CUMMINGS A	3 180.0	0.03		95.4		95.4	83.7	11.7
RONALANE 013-12W4								
LOWER MANNVILLE A	149.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE E	314.0	0.03		9.4		9.4	5.8	3.6
SAWTOOTH A	196.0	0.10		19.6		19.6	7.3	12.3
SAWTOOTH B	4 836.0	0.30		1 451.0		1 451.0	528.9	922.1
SAWTOOTH C	1 225.0	0.15		184.0		184.0	131.4	52.6
SAWTOOTH G	172.0	0.15		25.8		25.8	13.6	12.2
SAWTOOTH J	1 057.0	0.20		212.0		212.0	35.5	176.5
SAWTOOTH K	820.0	0.20		164.0		164.0	109.3	54.7
SAWTOOTH L	750.0	0.10		75.0		75.0	15.5	59.5
SAWTOOTH O	585.0	0.20		117.0		117.0	55.7	61.3
SAWTOOTH P	236.0	0.15		35.4		35.4	20.2	15.2
SAWTOOTH Q	44.3	<0.01		0.3		0.3	0.3	
SAWTOOTH R	147.0	0.10		14.7		14.7	1.1	13.6
SAWTOOTH S	173.0	0.15		26.0		26.0	14.5	11.5
SAWTOOTH T	105.0	0.10		10.5		10.5	0.3	10.2
SAWTOOTH V	1 706.0	0.15		256.0		256.0	83.7	172.3
RUMSEY 033-21W4								
GLAUCONITIC F	204.0	<0.01		0.4		0.4	0.4	
GLAUCONITIC H	61.4	0.15		9.2		9.2	5.7	3.5

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	[illegible]
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
16	5.50	0.180	0.35	0.90	44	[illegible]	35	[illegible]	[illegible]	1978	[illegible]
32	1.80	0.220	0.18	0.87	50	[illegible]	37	11 880	1 093.0	1979	91 12 - SUSP 84 02
48	1.50	0.210	0.34	0.87	[illegible]	[illegible]	37	11 542	1 074.8	1979	90 07
16	2.78	0.180	0.35	0.86	[illegible]	[illegible]	35	10 [illegible]	1 104.1	1980	80 12 - [illegible]
32	5.50	0.230	0.30	0.86	[illegible]	921	38	11 785	1 108.4	1977	80 12 - [illegible]
16	17.97	0.150	0.48	0.87	54	917	32	11 [illegible]	1 075.[illegible]	1980	80 12 - SUSP 83 11
423	2.93	0.180	0.33	0.87	60	[illegible]	37	11 808	1 053.1	1981	84 [illegible]
32	8.13	0.142	0.35	0.86	60	[illegible]	35	11 310	1 075.4	[illegible]	[illegible]
32	1.30	0.240	0.37	0.86	[illegible]	930	32	11 703	[illegible]	1981	84 12 - [illegible]
32	3.70	0.188	0.45	0.86	68	921	33	11 555	1 102.3	1972	84 12
32	3.40	0.160	0.35	0.86	62	925	32	11 [illegible]	[illegible]	1978	83 12
16	1.14	0.180	0.27	0.89	56	911	36	11 880	[illegible]	1982	88 12 - ABAND [illegible]
32	1.50	0.180	0.40	0.85	64	920	33	11 [illegible]	[illegible]	1960	88 12 - [illegible]
16	4.00	0.200	0.34	0.90	44	[illegible]	33	12 859	[illegible]	1984	85 06 - ABAND [illegible]
32	6.50	0.270	0.19	0.89	57	910	36	11 281	1 091.[illegible]	1980	85 07
32	3.00	0.160	0.56	0.85	65	925	30	11 [illegible]	1 138.6	1987	88 01 - ABAND [illegible]
64	0.80	0.170	0.22	0.31	92	872	31	11 932	1 076.[illegible]	1988	88 07
32	16.60	0.110	0.56	0.90	62	[illegible]	92	11 061	1 068.[illegible]	1980	90 10
64	1.50	0.190	0.41	0.94	20	884	33	11 544	1 129.3	1988	[illegible] 10 - [illegible]
32	1.20	0.190	0.34	0.86	64	921	33	11 481	1 100.3	1960	[illegible]
230	9.40	0.260	0.41	0.96	80	915	29	4 500	[illegible]	[illegible]	[illegible] 08
43	2.76	0.250	0.43	0.96	15	956	29	[illegible] 059	[illegible]	1971	89 10
32	1.21	0.280	0.32	0.97	11	952	30	4 780	652.6	1985	87 12
65	3.05	0.280	0.30	0.96	40	946	29	4 860	661.4	1972	77 12
32	2.40	0.300	0.27	0.97	14	939	26	3 046	642.5	1972	88 12 - SUSP [illegible]
16	1.80	0.300	0.50	0.97	12	959	42	4 662	666.9	1986	87 01 - ABAND 89 03
16	0.90	0.300	0.32	0.96	16	984	27	5 110	689.9	1976	82 11 - SUSP 87 12
48	9.84	0.180	0.38	0.96	16	955	27	4 415	727.2	1985	86 01
16	8.00	0.175	0.42	0.96	16	955	27	4 280	657.0	1985	86 [illegible] - ABAND 87 10
32	6.61	0.180	0.27	0.96	16	955	27	4 025	664.8	1985	90 [illegible]
48	5.29	0.148	0.26	0.96	16	953	26	5 195	724.3	1973	88 07
144	8.07	0.150	0.39	0.97	15	959	29	4 453	660.6	1985	88 12
64	1.53	0.170	0.46	0.89	14	916	38	9 500	1 104.3	1978	83 12 - GPP
49	1.92	0.300	0.10	0.97	9	946	24	3 486	527.9	1965	75 07 - SUSP [illegible]
16	6.15	0.340	0.20	0.99	9	972	26	3 500	521.9	1977	82 12 - SUSP 83 07
16	2.50	0.310	0.20	0.99	9	971	25	3 500	532.3	[illegible]	82 06 - SUSP 88 10
48	2.56	0.300	0.16	0.99	5	965	23	3 450	570.6	[illegible]	84 12 - SUSP 89 09
32	3.70	0.290	0.17	0.99	9	990	23	4 100	591.0	1978	88 12 - GPP
32	3.45	0.290	0.17	0.99	9	980	23	4 090	589.6	1978	80 10 - SUSP [illegible]
16	4.60	0.300	0.15	0.99	9	970	23	4 097	590.3	1978	82 06 - SUSP [illegible]
16	2.00	0.300	0.30	0.97	12	950	23	4 118	[illegible]	1978	86 11 - SUSP 88 09
16	2.00	0.310	0.15	0.99	10	984	25		603.0	1981	89 06 - GPP
224	6.25	0.290	0.20	0.98	9	989	22	3 040	641.3	1977	85 12 - GPP
32	3.05	0.270	0.35	0.86	66	887	33	10 980	952.5	1972	83 12 - ABAND 87 12
32	9.40	0.200	0.42	0.90	42	925	31	10 275	920.2	1984	87 12 - GPP
16	8.40	0.250	0.40	0.97	10	950	33	10 371	957.7	1985	85 10
600	5.05	0.240	0.30	0.95	29	900	32	10 529	947.6	1985	89 12 - GPP
208	4.92	0.240	0.42	0.86	67	881	27	10 760	922.0	1975	87 02 - GPP
16	8.20	0.230	0.40	0.95	17	908	33	10 575	945.3	1986	86 08
80	9.38	0.260	0.43	0.95	18	919	33	9 962	940.1	1986	87 08 - GPP
233	3.38	0.220	0.45	0.86	40	870	32	6 500	938.8	1967	88 12 - GPP
64	6.50	0.280	0.30	0.92	30	884	33	10 625	905.8	1986	87 08 - GPP
80	4.70	0.260	0.37	0.95	18	932	33	9 323	943.1	1987	90 12 - GPP
32	3.57	0.275	0.21	0.95	18	931	33	10 351	948.1	1986	89 11 - GPP
16	4.50	0.240	0.73	0.95	18	931	33	9 853	925.3	1988	89 05 - ABAND 89 12
32	5.50	0.200	0.51	0.85	64	919	28		940.5	1988	89 10
64	2.28	0.240	0.48	0.95	18	932	33		947.3	1989	90 05 - GPP
16	5.00	0.230	0.40	0.95	18	931	33		965.3	1988	90 09
239	5.05	0.240	0.38	0.95	15	940	34	10 583	956.5	1985	90 11 - GPP
64	4.40	0.170	0.50	0.85	50	900	44	10 034	1 403.8	1984	85 11 - ABAND 86 09
64	1.30	0.140	0.38	0.85	57	845	40	8 437	1 454.8	1986	87 11

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10^3m^3	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10^3m^3	5 INITIAL ESTABLISHED RESERVES ENHANCED 10^3m^3	6 INITIAL ESTABLISHED RESERVES TOTAL 10^3m^3	7 CUMULATIVE PRODUCTION 10^3m^3	8 REMAINING ESTABLISHED RESERVES 10^3m^3
RUMSEY 033-21W4 (CONTINUED)								
LOWER MANNVILLE E	156.0	0.10		15.6		15.6	0.2	15.4
LOWER MANNVILLE F	417.0	0.15		62.5		62.5	13.0	49.5
SEDGEWICK 042-12W4								
BASAL MANNVILLE C	117.0	0.10		11.7		11.7	3.8	7.9
SIBBALD 027-02W4								
UPPER MANNVILLE C	5 541.0			332.0	958.0	1 290.0	722.0	568.0
TOTAL								
PRIMARY AREA	750.0	0.06		45.0		45.0		
WATER FLOOD AREA	4 791.0	0.06	0.20	287.0	958.0	1 245.0		
UPPER MANNVILLE D	40.1	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE B	138.0	<0.01		0.1		0.1	0.1	
NISKU A	94.5	0.15		14.2		14.2	2.1	12.1
SKIFF 005-14W4								
SAWTOOTH A	1 430.0	0.15		215.0		215.0	126.1	88.9
SAWTOOTH B	133.0	0.10		13.3		13.3	7.7	5.6
SAWTOOTH C	12.1	<0.08		0.9		0.9	0.9	
ST. ANNE 054-05W5								
NORDEGG A	84.9	0.10		8.5		8.5	2.3	6.2
BANFF A	488.0	0.05		24.4		24.4	16.4	8.0
BANFF B	193.0	0.05		9.6		9.6	1.6	8.0
BANFF F	89.5	0.15		13.4		13.4	2.8	10.6
BANFF G	37.1	0.20		7.4		7.4	4.3	3.1
BANFF H	319.0	<0.01		0.2		0.2	0.2	
BANFF I	146.0	0.10		14.6		14.6	1.2	13.4
BANFF J	140.0	0.15		21.0		21.0	4.3	16.7
BANFF K	2 500.0	0.10		250.0		250.0		250.0
BANFF C & D	1 672.0	0.10		167.0		167.0	117.5	49.5
STANMORE 029-11W4								
UPPER MANNVILLE AA	398.0	0.06		23.9		23.9	17.1	6.8
STROME 043-16W4								
GLAUCONITIC S	20.3	0.20		4.1		4.1	0.1	4.0
ELLERSLIE A	37.3	0.06		2.2		2.2	2.2	
ELLERSLIE C	109.0	<0.01		0.1		0.1	0.1	
ELLERSLIE D	470.0	0.10		47.0		47.0	4.4	42.6
SUFFIELD 018-06W4								
UPPER MANNVILLE A	4 631.0	0.02		92.6		92.6	70.2	22.4
UPPER MANNVILLE D	882.0	0.02		17.6		17.6	10.1	7.5
UPPER MANNVILLE F	346.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE H	1 320.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE J	33 080.0	0.10		3 308.0		3 308.0	1 239.0	2 069.0
UPPER MANNVILLE N	487.0	0.05		24.4		24.4	11.2	13.2
UPPER MANNVILLE O	137.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE Q	169.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE R	115.0	<0.01		0.8		0.8	0.8	
UPPER MANNVILLE S	114.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE T	265.0	0.05		13.3		13.3	2.9	10.4
UPPER MANNVILLE U	384.0	0.10		38.4		38.4	31.3	7.1
UPPER MANNVILLE V	229.0	<0.02		2.7		2.7	2.7	
UPPER MANNVILLE W	66.6	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE X	59.2	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE Y	249.0	<0.01		0.8		0.8	0.8	
UPPER MANNVILLE Z	187.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE EE	71.0	<0.01		0.5		0.5	0.5	
UPPER MANNVILLE FF	1 573.0	0.03		47.2		47.2	2.1	45.1
UPPER MANNVILLE HH	122.0	0.10		12.2		12.2	7.0	5.2
UPPER MANNVILLE II	1 030.0	0.05		51.5		51.5	1.1	50.4
LOWER MANNVILLE A	396.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE B	65.9	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE C	93.1	0.05		4.7		4.7	4.7	
LOWER MANNVILLE D	77.1	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE E	104.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE G	136.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE H	67.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE I	88.1	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST PRODUCED AND REMARKS
ha	m	frac	frac	frac	m^3/m^3	kg/m^3	°C	kPa	m		
64	4.00	0.130	0.43	0.82	66	882	53	8 880	1 450.0	1987	88 01 - [illegible]
128	3.06	0.190	0.37	0.88	52	882	46	8 942	1 437.8	1981	88 01
32	2.00	0.280	0.30	0.93	28	920	30	[illegible]	[illegible]	1984	88 11 - [illegible]
949					21	963	28	9 140	[illegible]	1977	89 12
181	3.41	0.256	0.50	0.95							
768	3.35	0.280	0.30	0.95							
16	2.00	0.240	0.45	0.95	22	962	28	9 253	[illegible]	1980	88 12 - ABAND [illegible]
16	5.00	0.330	0.45	0.95	66	866	64	8 980	[illegible]	1980	86 09 - [illegible]
16	10.50	0.100	0.42	0.97	38	941	41		1 022.3	1989	89 12
716	1.74	0.180	0.25	0.85	30	941	33	9 190	[illegible]	1964	88 12
64	1.84	0.170	0.26	0.90	30	940	31	9 368	[illegible]	1983	[illegible]
16	1.00	0.120	0.30	0.90	22	964	31	9 320	919.0	1981	86 12 - ABAND [illegible]
16	7.30	0.130	0.35	0.86	60	945	45	12 238	1 416.2	1984	88 07
32	9.80	0.190	0.09	0.90	54	919	43	13 332	1 456.5	1978	83 11 - [illegible]
32	7.56	0.160	0.44	0.89	15	947	43	13 400	1 454.5	1981	85 12 - SUSP 88 11
16	4.00	0.210	0.26	0.90	60	932	38	9 932	1 438.2	1985	85 06 - SUSP 89 10
32	1.50	0.120	0.30	0.92	45	940	44	13 418	1 466.0	1984	89 12 - [illegible]
32	9.39	0.178	0.37	0.90	50	904	45	13 241	1 463.5	1984	85 07 - ABAND [illegible]
32	5.30	0.150	0.35	0.88	50	920	45	13 144	1 452.0	1985	85 10 - SUSP 88 06
16	8.40	0.200	0.40	0.87	50	904	45	13 043	1 447.7	1985	86 04 - SUSP 89 10
285	7.92	0.190	0.33	0.87	54	919	43	13 396	1 445.7	1990	90 11
161	11.51	0.170	0.39	0.87	54	954	43	13 393	1 442.1	1981	88 05 - [illegible]
128	1.90	0.240	0.26	0.92	28	939	35	8 336	1 035.1	1972	89 12
4	5.60	0.180	0.48	0.97	9	979	38	6 923	1 033.3	1989	90 02
16	1.50	0.210	0.22	0.95	20	936	30	7 431	1 040.8	1969	88 12 - SUSP 86 05
16	5.40	0.180	0.26	0.95	20	979	30	6 986	1 107.5	1986	87 11 - ABAND 88 04
32	7.88	0.250	0.19	0.92	23	950	34		1 043.0	1989	89 11 - [illegible]
400	6.86	0.250	0.25	0.90	35	986	36	11 020	939.4	1975	89 12 - GPP
64	7.47	0.260	0.22	0.91	43	940	32	9 890	966.5	1976	88 12
16	11.89	0.250	0.20	0.91	35	937	28	11 120	938.2	1977	82 12 - SUSP 77 05
65	12.19	0.270	0.32	0.91	30	972	31	10 050	909.8	1977	78 03 - SUSP 78 01
1 530	11.00	0.270	0.20	0.91	27	979	28	10 410	923.5	1966	90 12 - GPP
32	8.04	0.260	0.20	0.91	30	971	32	10 000	956.8	1978	86 11
16	6.40	0.210	0.30	0.91	30	982	32	10 160	994.3	1978	88 12 - SUSP 86 03
16	6.50	0.270	0.34	0.91	43	983	30	10 400	926.8	1979	80 02 - ABAND 80 08
16	5.50	0.200	0.30	0.93	34	957	31	9 230	944.0	1980	89 12 - SUSP 86 03
16	5.20	0.250	0.40	0.91	42	982	32	10 432	894.0	1980	80 07 - SUSP 85 04
16	10.00	0.280	0.35	0.91	29	982	26	10 943	927.0	1980	86 12 - SUSP 89 12
32	7.03	0.250	0.25	0.91	37	951	21	10 569	959.3	1980	87 04
16	9.00	0.250	0.30	0.91	20	966	25	10 563	924.0	1980	88 12 - SUSP 86 03
16	2.60	0.220	0.20	0.91	44	951	30	10 233	960.3	1980	83 12 - SUSP 83 12
16	2.30	0.250	0.30	0.92	37	958	32	10 406	952.2	1980	83 12 - SUSP 80 09
32	7.30	0.180	0.35	0.91	37	925	29	10 188	962.2	1981	82 08 - SUSP 85 08
64	1.50	0.330	0.35	0.91	35	957	31	9 834	1 004.5	1976	88 12 - SUSP 83 09
16	4.00	0.200	0.41	0.94	37	959	35	10 721	986.2	1977	84 08 - ABAND 85 10
32	23.20	0.280	0.17	0.91	28	983	27	9 131	935.8	1986	87 08 - SUSP 88 04
26	4.05	0.260	0.23	0.95	28	967	24	9 623	962.0	1987	90 08
16	32.40	0.280	0.22	0.91	28	982	27		941.1	1987	90 06
65	7.01	0.160	0.40	0.91	35	952	35	9 590	1 001.9	1976	76 11 - SUSP 77 06
16	2.13	0.280	0.25	0.91	34	952	33	10 180	982.0	1977	83 12 - ABAND 86 03
32	2.46	0.200	0.35	0.91	27	972	34	9 080	951.5	1977	89 12 - SUSP 86 10
16	3.35	0.240	0.35	0.91	32	965	32	10 780	981.5	1977	78 04 - ABAND 78 05
16	4.57	0.220	0.30	0.91	32	959	27	10 960	1 008.0	1977	83 12 - ABAND 82 01
16	7.32	0.210	0.40	0.91	47	990	25	10 110	904.0	1978	78 11 - SUSP 78 12
16	3.30	0.210	0.35	0.93	30	986	33	10 060	[illegible]	1978	79 05 - SUSP 78 12
16	6.10	0.190	0.50	0.95	9	990	32	10 520	892.5	1978	88 12 - SUSP 78 12

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
SUFFIELD 018-06W4 (CONTINUED)								
LOWER MANNVILLE J	80.4	<0.02		1.2		1.2	1.2	
LOWER MANNVILLE K	128.0	0.05		6.4		6.4	2.4	4.0
LOWER MANNVILLE L	156.0	<0.02		1.7		1.7	1.7	
LOWER MANNVILLE M	100.0	0.05		5.0		5.0	3.5	1.5
LOWER MANNVILLE N	150.0	0.08		12.0		12.0	9.6	2.4
LOWER MANNVILLE P	1 660.0	0.10		166.0		166.0	89.7	76.3
LOWER MANNVILLE Q	12.7	0.15		1.9		1.9	0.2	1.7
PEKISKO A	431.0	0.05		21.6		21.6	0.7	20.9
PEKISKO B	60.6	0.10		6.1		6.1	0.1	6.0
SUNNYNOOK 026-11W4								
BASAL MANNVILLE F	120.0	<0.01		0.8		0.8	0.8	
SUPERBA 026-03W4								
DETRITAL A	213.0	<0.01		0.1		0.1	0.1	
SWIMMING 052-06W4								
UPPER MANNVILLE A	92.6	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE C	817.0	<0.03		0.9		0.9	0.9	
COLONY A	89.8	<0.02		1.3		1.3	1.3	
COLONY F	129.0	<0.04		0.2		0.2	0.2	
SPARKY A	98.8	<0.01		0.4		0.4	0.4	
SPARKY B	64.3	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM A	148.0	0.03		4.4		4.4	1.0	3.4
GENERAL PETROLEUM B	208.0	0.05		10.4		10.4	7.5	2.9
TABER 009-17W4								
MANNVILLE A	1 439.0	0.20		288.0		288.0	236.2	51.8
MANNVILLE C	572.0	0.08		45.8		45.8	30.3	15.5
MANNVILLE D TOTAL	12 100.0			890.0	1 730.0	2 620.0	2 048.2	571.8
PRIMARY AREA	2 500.0	0.10		250.0		250.0		
WATER FLOOD AREA	9 600.0	<0.07	0.18	640.0	1 730.0	2 370.0		
MANNVILLE E	25.3	<0.01		0.1		0.1	0.1	
MANNVILLE F	1 057.0	0.06		63.4		63.4	51.4	12.0
MANNVILLE G	529.0	0.01		5.3		5.3	4.5	0.8
MANNVILLE K	406.0	0.18		73.1		73.1	49.7	23.4
MANNVILLE L	11.8	<0.01		0.1		0.1	0.1	
MANNVILLE M	129.0	<0.01		0.2		0.2	0.2	
MANNVILLE N	39.6	<0.01		0.2		0.2	0.2	
MANNVILLE O	59.7	0.10		6.0		6.0	0.1	5.9
MANNVILLE P	106.0	0.10		10.6		10.6	0.6	10.0
MANNVILLE R	160.0	0.10		16.0		16.0	1.4	14.6
MANNVILLE S	1 224.0	0.10		122.0		122.0	10.3	111.7
GLAUCONITIC A	84.2	0.05		4.2		4.2	1.6	2.6
TABER NORTH 011-16W4								
GLAUCONITIC A	8 000.0	0.35		2 800.0		2 800.0	1 459.0	1 341.0
GLAUCONITIC C TOTAL	2 654.0			317.0	90.0	406.0	328.2	77.8
PRIMARY AREA	64.3	0.10		6.4		6.4		
WATER FLOOD AREA	2 590.0	<0.12	0.04	311.0	90.0	400.0		
GLAUCONITIC D	35.3	<0.01		1.0		1.0	1.0	
GLAUCONITIC E	1 940.0	0.20		388.0		388.0	194.0	194.0
GLAUCONITIC H	234.0	0.10		23.4		23.4	8.4	15.0
GLAUCONITIC J	54.3	0.15		8.1		8.1	5.0	3.1
GLAUCONITIC K	62.8	0.20		12.6		12.6	0.2	12.4
TABER A	1 950.0	0.12		235.0		235.0	209.0	26.0
TABER B	556.0	0.10		55.6		55.6	44.8	10.8
TABER C	2 490.0	0.10		249.0		249.0	213.7	35.3
TABER D	2 000.0	0.15		300.0		300.0	241.7	58.3
TABER E	344.0	0.10		34.4		34.4	30.7	3.7
TABER I	115.0	0.15		17.3		17.3	13.4	3.9
TABER J	229.0	<0.01		0.2		0.2	0.2	
TABER K	1 242.0	0.20		248.0		248.0	216.4	31.6
TABER L	98.8	<0.01		0.7		0.7	0.7	
TABER M	158.0	<0.01		0.1		0.1	0.1	
TABER O	857.0	0.15		129.0		129.0	87.4	41.6
TABER S	46.6	<0.02		0.8		0.8	0.8	
TABER T	49.3	0.10		4.9		4.9	0.2	4.7
TABER U	61.0	0.10		6.1		6.1	0.6	5.5
TABER V	307.0	0.05		15.4		15.4	1.6	13.8
TABER W	63.6	0.10		6.4		6.4	2.1	4.3

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST PRODUCED AND REMARKS
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
16	3.40	0.250	0.15	0.91	30	969	35	10 560	1 004.0	[illegible]	79 12 - ABAND [illegible]
16	5.70	0.220	0.30	0.91	45	943	45	10 900	[illegible]	1980	85 09 - SUSP [illegible]
16	6.30	0.230	0.25	0.90	27	978	31	11 [illegible]	967 [illegible]	[illegible]	81 03 - ABAND [illegible]
32	2.08	0.330	0.50	0.91	34	951	36	10 565	[illegible]	[illegible]	88 12 - SUSP 88 11
16	7.21	0.210	0.32	0.91	44	965	35	10 660	[illegible]	[illegible]	[illegible] 12 - [illegible]
112	9.72	0.240	0.30	0.91	37	952	32	10 [illegible]	[illegible]	[illegible]	85 12 - [illegible]
2	4.90	0.200	0.33	0.97	11	986	33	10 [illegible]	967.6	[illegible]	[illegible] 01 - [illegible]
64	13.50	0.080	0.30	0.89	47	894	34	10 679	983 [illegible]	[illegible]	[illegible] 10
16	9.30	0.060	0.30	0.97	10	977	32	10 670	[illegible]	1988	[illegible] 12
32	2.00	0.250	0.20	0.94	27	940	35	10 070	1 059 [illegible]	[illegible]	[illegible] 12 - [illegible]
16	8.50	0.300	0.15	0.95	18	958	34	9 135	930.2	[illegible]	[illegible] 12 - SUSP 83 04
16	2.10	0.320	0.13	0.99	10	977	25	4 190	565 [illegible]	1978	[illegible] 12 - ABAND 83 05
16	19.10	0.300	0.10	0.99	10	985	25	4 937	509.7	[illegible]	82 01
16	3.00	0.270	0.30	0.99	10	985	25	4 [illegible]	502.5	1980	88 12 - [illegible]
16	3.20	0.300	0.15	0.99	10	990	28	5 009	518.6	1980	82 10 - ABAND [illegible]
16	3.20	0.300	0.35	0.99	7	985	25	3 904	536 [illegible]	[illegible]	88 12 - SUSP 86 09
16	2.00	0.290	0.30	0.99	7	990	25	4 011	[illegible]	1979	[illegible] 07 - ABAND 84 01
16	4.20	0.310	0.28	0.99	9	987	27	4 251	[illegible]	1983	[illegible] 07 - SUSP 87 11
16	6.00	0.300	0.27	0.99	9	976	27	4 285	[illegible]	1980	82 05
300	3.74	0.210	0.35	0.94	23	921	33	10 180	983.0	1944	[illegible] 12 - [illegible]
48	8.73	0.220	0.34	0.94	20	946	38	10 760	986.0	[illegible]	89 12 - [illegible]
1 459					16	940	36	10 595	973.6	[illegible]	89 12
319	5.92	0.210	0.35	0.97							
1 140	6.20	0.209	0.33	0.97							[illegible]
16	1.83	0.150	0.40	0.95	28	940	16	10 470	964.7	[illegible]	78 11 - SUSP 78 07
152	5.42	0.210	0.35	0.94	23	921	33	10 780	983.3	[illegible]	89 12 - [illegible]
142	3.10	0.200	0.36	0.94	23	946	33	10 395	995.5	1944	83 12 - [illegible]
100	3.32	0.200	0.35	0.94	23	921	33	10 422	993.0	1978	84 12 - [illegible]
16	1.00	0.150	0.49	0.96	15	955	36	9 986	972.5	1984	[illegible] 06 - SUSP 85 08
32	4.80	0.175	0.50	0.96	15	930	36	9 222	1 003.3	1985	85 10 - SUSP [illegible]
16	2.30	0.170	0.34	0.96	15	928	23	10 675	956.9	1985	86 04 - ABAND 90 05
16	4.39	0.167	0.47	0.96	15	947	33		968.2	1988	89 05
16	4.10	0.190	0.11	0.96	15	946	33	10 523	990.5	1989	89 01
16	5.80	0.250	0.28	0.96	15	946	33		965.4	1989	90 01
96	8.96	0.190	0.22	0.96	15	940	33		944.3	1989	90 12 - [illegible]
64	1.00	0.200	0.30	0.94	17	947	29	11 177	977.5	1983	84 05
386	11.70	0.240	0.21	0.93	17	879	30	10 650	948.5	1979	84 09 - [illegible]
408					57	894	30	11 382	[illegible]	1980	88 08 - [illegible]
64	1.10	0.140	0.25	0.87							
344	6.08	0.190	0.25	0.87							
16	4.80	0.100	0.50	0.92	36	937	32	7 429	974.5	1981	89 12 - SUSP [illegible]
184	5.78	0.240	0.20	0.95	17	899	29	10 765	951.0	1978	86 01
32	5.50	0.200	0.30	0.95	17	899	29	10 096	959.7	1984	86 01
16	4.10	0.150	0.40	0.92	17	889	29	9 865	934.4	1986	90 12
64	1.10	0.170	0.11	0.89	57	835	30	10 822	944.6	1983	90 09
713	2.77	0.210	0.50	0.94	32	887	29	11 030	979.3	1966	70 08 - [illegible]
184	2.59	0.200	0.38	0.94	16	887	31	11 290	970.8	1967	[illegible] 12 - [illegible]
267	7.62	0.200	0.35	0.94	22	940	37	11 110	991.5	1974	86 12 - [illegible]
365	5.27	0.170	0.35	0.94	21	940	32	11 100	997.0	1976	83 12 - [illegible]
48	6.90	0.160	0.31	0.94	27	940	32	10 810	988.3	1977	80 04 - [illegible]
32	5.00	0.150	0.49	0.94	25	940	32	10 704	967.3	1981	85 12 - [illegible]
64	3.20	0.170	0.30	0.94	20	884	33	10 582	977.4	1982	87 12 - ABAND 89 06
368	3.15	0.190	0.40	0.94	15	896	54	10 407	965.9	1983	88 05
32	2.50	0.180	0.27	0.94	25	924	35	10 [illegible]	981.9	1983	83 11 - ABAND 84 04
64	3.60	0.140	0.48	0.94	15	893	54	10 758	981.2	1983	84 05 - ABAND 88 11
282	4.33	0.150	0.48	0.90	38	934	32	10 045	971.0	1983	88 03
16	2.50	0.200	0.38	0.94	16	887	33	8 885	978.3	1981	88 12 - SUSP 86 03
16	2.20	0.200	0.27	0.96	14	945	33	9 183	937.4	1987	88 06
16	4.10	0.180	0.45	0.94	20	884	33		988.6	1988	89 05
64	4.30	0.180	0.41	0.94	15	893	51	10 292	1 000.8	1989	90 08
16	2.70	0.210	0.27	0.96	14	945	33	9 723	985.5	1989	90 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10³m³	2 RECOVERY PRIMARY frac	3 RECOVERY ENHANCED frac	4 INITIAL ESTABLISHED RESERVES PRIMARY 10³m³	5 INITIAL ESTABLISHED RESERVES ENHANCED 10³m³	6 INITIAL ESTABLISHED RESERVES TOTAL 10³m³	7 CUMULATIVE PRODUCTION 10³m³	8 REMAINING ESTABLISHED RESERVES 10³m³
TABER NORTH 011-16W4 (CONTINUED)								
SAWTOOTH A	48.4	0.10		0.5		0.5	0.5	
TABER SOUTH 007-16W4								
MANNVILLE A TOTAL	9 491.0			475.0	934.0	1 409.0	1 085.7	323.3
PRIMARY AREA	149.0	0.05		7.5		7.5		
WATER FLOOD AREA	9 342.0	0.05	0.10	467.0	934.0	1 401.0		
MANNVILLE B WATER FLOOD	7 000.0	0.07	0.28	490.0	1 960.0	2 450.0	2 063.4	386.6
MANNVILLE D	389.0	0.05		19.5		19.5	14.3	5.2
MANNVILLE E	132.0	<0.03		2.8		2.8	0.1	2.7
MANNVILLE F	756.0	0.06		45.4		45.4	32.2	13.2
MANNVILLE H	66.0	<0.01		0.5		0.5	0.5	
MANNVILLE L	388.0	0.02		7.8		7.8	4.5	3.3
MANNVILLE M	330.0	0.05		16.5		16.5	6.5	10.0
GLAUCONITIC A	403.0	0.04		16.1		16.1	10.2	5.9
GLAUCONITIC B	51.6	0.05		2.6		2.6	1.3	1.3
GLAUCONITIC C	766.0	0.05		38.3		38.3	16.4	21.9
GLAUCONITIC D	203.0	0.05		10.2		10.2	3.7	6.5
TURNER VALLEY A	505.0	0.05		25.3		25.3	6.9	18.4
TABER SOUTH-EAST 008-15W4								
MANNVILLE A	1 460.0	0.15		219.0		219.0	189.6	29.4
MANNVILLE B	724.0	0.01		7.2		7.2	0.2	7.0
MANNVILLE C	336.0	0.07		23.5		23.5	17.3	6.2
MANNVILLE D	680.0	0.08		54.4		54.4	47.9	6.5
MANNVILLE E	184.0	0.10		18.4		18.4	14.9	3.5
MANNVILLE F	34.4	0.10		3.4		3.4	1.0	2.4
TURIN 010-18W4								
FISH SCALE B	99.0	0.03		3.0		3.0	1.4	1.6
UPPER MANNVILLE C	2 060.0	0.25		515.0		515.0	357.0	158.0
UPPER MANNVILLE J	1 492.0	0.10		149.0		149.0	64.6	84.4
LOWER MANNVILLE E	659.0	0.25		165.0		165.0	105.2	59.8
LOWER MANNVILLE L	1 670.0	0.15		250.0		250.0	217.7	32.3
LOWER MANNVILLE M	218.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE N	82.2	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE P	41.8	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE X	113.0	0.15		17.0		17.0	9.4	7.6
LOWER MANNVILLE BB	96.8	0.05		4.8		4.8	0.8	4.0
LOWER MANNVILLE NN	276.0	0.10		27.6		27.6	5.5	22.1
LOWER MANNVILLE TT	470.0	0.15		70.0		70.0	49.2	20.8
LOWER MANNVILLE UUU	355.0	0.10		35.5		35.5	4.4	31.1
SAWTOOTH A	21.4	0.15		3.2		3.2	2.0	1.2
VERGER 022-15W4								
MANNVILLE A	78.2	<0.01		0.3		0.3	0.3	
MANNVILLE D	2 180.0	<0.01		4.7		4.7	4.7	
MANNVILLE F	149.0	0.10		14.9		14.9	5.5	9.4
UPPER MANNVILLE C	4 130.0	0.01		41.3		41.3	20.1	21.2
VERMILION 050-05W4								
SPARKY A	7 710.0	<0.09		637.0		637.0	579.6	57.4
VIKING-KINSELLA 047-11W4								
UPPER MANNVILLE B	289.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE C	77.0	0.05		3.9		3.9	3.8	0.1
UPPER MANNVILLE K	100.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE R	764.0	<0.01		1.3		1.3	1.3	
UPPER MANNVILLE X	39.8	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE CC	75.2	<0.02		1.2		1.2	1.2	
UPPER MANNVILLE QQ	146.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE CCC	469.0	0.05		23.5		23.5	4.0	19.5
COLONY YY	127.0	<0.01		0.1		0.1	0.1	
COLONY ZZ	82.6	0.05		4.1		4.1	0.5	3.6
SPARKY E	99.5	0.05		5.0		5.0	0.5	4.5
SPARKY F TOTAL	5 340.0			267.0	1 158.0	1 425.0	431.4	993.6
PRIMARY AREA	710.0	0.05		35.5		35.5		
WATER FLOOD AREA	4 630.0	0.05	0.25	232.0	1 158.0	1 390.0		
SPARKY G	241.0	<0.01		0.6		0.6	0.6	

9 AREA (ha)	10 AVERAGE PAY THICKNESS (m)	11 POROSITY (frac)	12 WATER SATN (frac)	13 SHRINKAGE (frac)	14 INITIAL SOLUTION GOR (m3/m3)	15 DENSITY (kg/m3)	16 TEMP (°C)	17 INITIAL PRESSURE (kPa)	18 MEAN FORMATION DEPTH (m)	19 DISC YEAR	20 DATE LAST REVISED AND REMARKS
16	2.20	0.230	0.35	0.92	35	893	29	10 560	992.6	1980	89 12 - SUSP 87 07
1 139					17	946	30	10 000	990.7	1987	89 12
16	8.00	0.200	0.40	0.97							
1 123	6.97	0.205	0.40	0.97							- GPP
501	7.62	0.260	0.25	0.94	16	940	41	9 890	984.8	1982	90 08
92	2.59	0.220	0.21	0.94	46	898	31	10 532	979.5	1982	84 09
32	3.43	0.180	0.32	0.98	21	930	32	10 260	994.5	1984	90 10 - SUSP [illegible]
188	4.23	0.200	0.51	0.97	5	939	32	9 364	1 004.4	1979	90 10 - GPP
32	3.00	0.156	0.55	0.98	5	920	32	9 775	972.4	1984	84 06 - ABAND 87 01
93	3.69	0.170	0.30	0.95	15	945	36	8 306	1 027.7	1978	87 [illegible]
60	3.60	0.210	0.25	0.97	7	946	35		982.2	1988	90 07
59	6.34	0.180	0.37	0.95	17	899	29	9 516	981.2	1983	90 10 - GPP
16	2.70	0.160	0.23	0.97	15	935	33	9 887	982.4	1984	85 05
64	6.68	0.230	0.18	0.95	17	914	29	9 775	988.7	1986	87 04
52	4.10	0.190	0.15	0.91	46	886	31		990.0	1944	90 10
64	7.50	0.160	0.30	0.94	24	897	31	10 279	1 018.8	1986	84 08
380	3.41	0.200	0.40	0.94	16	915	29	10 070	972.6	1963	85 12 - GPP
30	8.45	0.190	0.40	0.94				10 000	974.3	1965	90 01 - SUSP 89 12
64	5.96	0.170	0.46	0.96	16	934	36	9 780	919.2	1978	89 12
351	1.80	0.200	0.44	0.96	10	915	32	10 140	968.5	1974	85 07
64	2.98	0.200	0.50	0.96	10	915	32	9 623	969.3	1974	87 12
32	2.00	0.160	0.65	0.96	10	917	32	9 847	986.3	1987	88 07 - SUSP [illegible]
65	1.22	0.220	0.40	0.95	20	881	27	4 870	581.6	1973	74 02
280	4.62	0.240	0.21	0.84	72	881	32	11 220	1 000.7	1971	88 11
290	6.56	0.160	0.43	0.86	68	831	31	10 806	982.7	1982	89 06
174	3.33	0.180	0.29	0.89	65	904	32	12 100	1 299.4	1973	88 10
429	3.70	0.180	0.35	0.90	21	940	38	11 176	993.8	1974	85 09 - GPP
65	3.96	0.180	0.50	0.94	25	940	32	10 480	1 025.7	1978	82 12 - SUSP 74 11
32	2.44	0.180	0.35	0.89	53	921	32	11 135	1 008.6	1973	78 07 - SUSP [illegible]
32	2.50	0.100	0.45	0.95	21	930	33	11 290	1 037.0	1977	83 12 - SUSP [illegible]
155	0.75	0.150	0.28	0.90	38	889	32	11 082	1 007.3	1981	88 12 - GPP
16	3.70	0.210	0.18	0.95	20	956	33	10 924	1 000.2	1981	89 12 - GPP
64	2.75	0.240	0.23	0.85	86	952	35	11 107	1 092.3	1984	85 05 - SUSP 89 06
161	2.77	0.180	0.35	0.90	21	940	38	11 176	993.8	1969	85 09 - GPP
128	3.06	0.160	0.37	0.90	37	893	32	10 811	1 098.7	1980	89 10
16	1.50	0.160	0.36	0.87	53	875	28	11 303	1 095.3	1988	88 12 - GPP
16	4.00	0.200	0.35	0.94	19	960	40	10 378	1 062.9	1960	83 12 - ABAND 83 10
1 502	2.56	0.180	0.65	0.90	41	915	46	10 400	1 062.8	1970	82 12 - SUSP 80 06
64	1.50	0.260	0.33	0.89	45	892	38	9 961	1 170.3	1980	85 04
1 079	3.66	0.198	0.40	0.88	57	881	36	10 130	983.6	1970	74 12
1 325	2.71	0.280	0.20	0.96	11	965	27	3 585	560.8	1939	84 12 - GPP
65	2.13	0.290	0.23	0.94	21	927	34	4 830	717.3	1973	82 12 - SUSP 75 06
16	3.35	0.250	0.40	0.96	18	946	28	4 680	688.2	1975	82 12 - GPP
65	0.91	0.290	0.39	0.96	19	952	29	5 360	755.7	1975	77 03 - ABAND 87 06
64	7.70	0.300	0.45	0.94	21	927	31	6 510	752.2	1972	77 12 - SUSP 79 12
16	1.50	0.270	0.36	0.96	18	970	29	5 680	744.2	1978	79 04 - ABAND 86 10
16	2.40	0.300	0.32	0.96	10	939	33	5 210	733.0	1979	80 07 - ABAND 87 10
16	5.40	0.280	0.37	0.96	17	949	30	5 401	746.0	1980	88 12 - SUSP 86 03
192	1.87	0.233	0.34	0.85	64	864	33	4 927	765.3	1978	84 01 - GPP
64	1.30	0.320	0.50	0.95	21	946	28	4 817	652.7	1981	88 12 - SUSP 86 04
16	2.40	0.320	0.30	0.96	17	964	25	4 627	620.7	1976	85 08 - SUSP 88 08
16	2.90	0.330	0.33	0.97	10	950	20	5 030	658.6	1985	87 05 - SUSP 90 03
1 183					18	928	28	5 618	721.3	1981	89 06
238	2.29	0.230	0.29	0.96							
945	3.18	0.230	0.29	0.96							- GPP
32	3.49	0.300	0.25	0.96	17	934	28	5 008	655.3	1985	87 11 - ABAND 88 03

TABLE 2-6

	1	2	3	4	5	6	7	8
FIELD POOL	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
VIKING-KINSELLA 047-11W4 (CONTINUED)								
SPARKY I	209.0	0.10		20.9		20.9	4.4	16.5
SPARKY J	308.0	<0.01		0.6		0.6	0.6	
SPARKY M	62.9	0.05		3.1		3.1	0.2	2.9
WAINWRIGHT B TOTAL	20 910.0			1 057.0	4 072.0	5 129.0	4 480.9	648.1
PRIMARY AREA	550.0	0.07		38.5		38.5		
WATER FLOOD AREA	20 360.0	0.05	0.20	1 018.0	4 072.0	5 090.0		
WAINWRIGHT D	1 020.0	0.05		51.0		51.0	3.4	47.6
WAINWRIGHT E	78.7	0.01		0.8		0.8	0.8	
WAINWRIGHT H	136.0	<0.01		0.7		0.7	0.7	
WAINWRIGHT I	76.5	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE K	92.5	<0.01		0.2		0.2	0.2	
D-2 H	31.5	0.10		3.2		3.2	2.6	0.6
D-2 J	138.0	0.05		6.9		6.9	4.8	2.1
WAINWRIGHT 045-06W4								
VIKING, COLONY G,R,V,W & EE	137.0	0.07		9.6		9.6	5.8	3.8
COLONY P	63.0	0.07		4.4		4.4	3.5	0.9
COLONY CC	686.0	0.10		68.6		68.6	51.1	17.5
COLONY MM	37.7	<0.01		0.1		0.1	0.1	
COLONY NN	21.2	<0.01		0.1		0.1	0.1	
COLONY CCC	43.0	0.10		4.3		4.3	0.1	4.2
SPARKY B	439.0	0.05		22.0		22.0	14.8	7.2
SPARKY C	327.0	0.03		9.8		9.8	1.3	8.5
SPARKY F	91.2	0.05		4.6		4.6	1.9	2.7
SPARKY G	99.0	0.05		5.0		5.0	4.1	0.9
SPARKY H	50.2	<0.01		0.1		0.1	0.1	
SPARKY J TOTAL	416.0			25.0	43.4	68.4	48.4	20.0
PRIMARY AREA	106.0	0.06		6.4		6.4		
WATER FLOOD AREA	310.0	0.06	0.14	18.6	43.4	62.0		
SPARKY K	31.2	<0.03		0.9		0.9	0.9	
SPARKY L	31.0	<0.02		0.6		0.6	0.6	
SPARKY N	46.2	<0.01		0.1		0.1	0.1	
SPARKY O	51.2	<0.01		0.1		0.1		0.1
SPARKY P	44.2	<0.01		0.3		0.3	0.3	
SPARKY R	34.8	<0.01		0.1		0.1	0.1	
SPARKY U	24.7	<0.01		0.1		0.1	0.1	
SPARKY W	39.5	<0.01		0.1		0.1		0.1
SPARKY X	40.0	<0.01		0.2		0.2	0.2	
SPARKY Y	26.1	0.05		1.3		1.3	0.2	1.1
SPARKY Z	15.4	0.15		2.3		2.3	1.9	0.4
SPARKY BB	176.0	0.05		8.8		8.8	0.1	8.7
WAINWRIGHT B TOTAL	4 340.0			217.0	480.0	697.0	148.4	548.6
PRIMARY AREA	1 340.0	0.05		67.0		67.0		
WATER FLOOD AREA	3 000.0	0.05	0.16	150.0	480.0	630.0		
WAINWRIGHT C TOTAL	2 100.0			126.0	55.5	182.0	105.7	76.3
PRIMARY AREA	1 730.0	0.06		104.0		104.0		
WATER FLOOD AREA	370.0	0.06	0.15	22.2	55.5	77.7		
WAINWRIGHT & SPARKY A TOTAL	45 108.0			2 707.0	11 130.0	13 840.0	11 264.3	2 575.7
PRIMARY AREA	4 446.0	0.06		267.0		267.0		
WATER FLOOD AREA	40 662.0	<0.07	0.27	2 440.0	11 130.0	13 570.0		
GENERAL PETROLEUM B	658.0	<0.01		0.4		0.4	0.4	
GENERAL PETROLEUM C	24.0	0.10		2.4		2.4	0.5	1.9
REX A	320.0	0.10		32.0		32.0	0.3	31.7
REX B	5.5	0.05		0.3		0.3	0.2	0.1
LLOYDMINSTER A	133.0	0.10		13.3		13.3	10.6	2.7
LLOYDMINSTER B	510.0	<0.01		4.0		4.0	4.0	
LLOYDMINSTER C	88.9	<0.01		0.1		0.1	0.1	
DETRITAL B	68.6	0.10		6.9		6.9	0.1	6.8
NISKU A	4 573.0	0.08		366.0		366.0	234.5	131.5
NISKU E	29.8	0.10		3.0		3.0	2.4	0.6
NISKU F	19.4	<0.01		0.1		0.1	0.1	
CAMROSE A	1 900.0	0.10		190.0		190.0	115.6	74.4
WARWICK 052-14W4								
UPPER MANNVILLE J	726.0	<0.04		23.6		23.6	23.6	
UPPER MANNVILLE V	38.8	<0.01		0.1		0.1	0.1	
WILDMERE 048-05W4								
UPPER MANNVILLE A	69.8	<0.03		1.8		1.8	1.8	

9	10	11	12	13	14	15	16	17	18	19	20
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	MEAN FORMATION DEPTH	DISC YEAR	[illegible]
ha	m	frac	frac	frac	m3/m3	kg/m3	°C	kPa	m		
32	4.00	0.280	0.38	0.94	21	910	30	5 381	773.0	1988	90 11
16	13.80	0.200	0.28	0.97	13	931	28	5 381	730.3	1988	89 [illegible] - ABAND 89 [illegible]
16	2.20	0.300	0.38	0.96	17	932	24	5 247	737.7	1989	90 01
3 134					15	927	27	4 980	653.2	1973	89 12
88	3.24	0.300	0.33	0.96							
3 046	3.46	0.300	0.33	0.96							- GPP
156	3.46	0.290	0.32	0.96	17	965	28	5 240	687.0	1976	[illegible] - SUSP 89 09
16	2.44	0.280	0.25	0.96	11	962	27	5 050	672.7	1979	89 11 - SUSP [illegible]
32	2.21	0.300	0.34	0.97	15	958	27	4 980	688.1	1978	83 12 - SUSP [illegible]
16	2.20	0.310	0.27	0.96	10	956	34	4 970	740.9	1978	82 12 - ABAND 87 10
16	2.70	0.300	0.17	0.85	70	990	31	5 610	843.1	1977	83 [illegible] - SUSP [illegible]
16	2.48	0.126	0.35	0.97	20	970	28	4 868	751.8	1988	88 10
16	6.70	0.170	0.22	0.97	20	970	28	4 696	625.0	1987	88 01
32	1.95	0.330	0.30	0.95	20	946	30	5 507	605.3	1989	83 04
16	1.83	0.310	0.27	0.95	15	946	27	3 990	620.7	1971	85 11 - GPP
96	3.51	0.300	0.30	0.97	16	955	31	4 340	390.1	1973	88 11 - GPP
16	1.70	0.280	0.50	0.99	12	947	25	4 444	644.1	1984	88 12 - SUSP 86 07
16	1.00	0.250	0.43	0.93	29	980	28	3 900	[illegible]	1982	81 09 - ABAND 86 01
16	2.00	0.290	0.46	0.85	20	930	25		588.6	1980	90 06
48	7.42	0.250	0.47	0.93	14	959	27	4 340	641.0	1967	88 11 - GPP
65	2.13	0.330	0.25	0.96	16	959	31	4 343	657.0	1975	77 12
32	2.28	0.240	0.40	0.93	15	921	27	3 850	639.7	1975	79 11
32	2.00	0.260	0.38	0.96	16	945	25	4 510	635.3	1978	81 12 - GPP
16	3.00	0.220	0.50	0.95	23	950	28	4 519	627.6	1980	80 09 - SUSP 83 07
156					14	960	30	4 547	657.9	1957	87 12 - [illegible] 87 08
56	1.20	0.270	0.37	0.93							
100	1.96	0.270	0.37	0.93							- GPP
8	2.50	0.250	0.33	0.93	32	904	30	4 340	615.8	1981	89 12 - SUSP [illegible]
8	2.30	0.270	0.35	0.96	16	921	33	4 816	614.4	1982	89 12 - SUSP 87 07
16	2.70	0.230	0.50	0.93	14	960	25	4 324	648.2	1983	88 12 - ABAND 89 11
16	2.50	0.250	0.45	0.93	11	960	23	3 981	626.3	1984	88 12 - SUSP 85 07
16	2.00	0.270	0.45	0.93	14	960	27	4 417	627.5	1984	84 09 - ABAND 85 08
16	1.70	0.250	0.45	0.93	20	960	25	3 252	630.3	1984	84 11 - SUSP 85 07
16	1.20	0.260	0.48	0.95	12	960	23	3 904	652.0	1984	89 12 - SUSP 87 06
16	1.60	0.280	0.42	0.95	21	980	28	4 221	634.4	1985	85 09 - ABAND 85 12
16	1.70	0.280	0.44	0.94	12	939	26	4 110	611.1	1985	88 12 - SUSP 86 06
16	1.30	0.270	0.50	0.93	12	924	26	4 369	680.8	1985	86 04
16	0.71	0.260	0.44	0.93	12	930	25	4 200	634.9	1985	86 04
32	3.20	0.280	0.36	0.96	15	920	33		672.1	1988	89 08
904					14	904	27	4 527	662.8	1974	88 12
240	3.78	0.270	0.43	0.96							
664	3.17	0.270	0.45	0.96							- GPP
363					15	921	27	4 770	690.2	1931	88 07
305	3.55	0.260	0.34	0.93							
58	4.00	0.260	0.34	0.93							- GPP
6 837					15	921	27	4 830	639.5	1923	89 11 - GPP
943	2.37	0.300	0.32	0.93							
5 894	3.25	0.313	0.27	0.93							
65	5.18	0.310	0.32	0.93	21	904	23	4 150	638.6	1975	78 [illegible] - ABAND 78 [illegible]
8	2.70	0.240	0.50	0.93	10	906	30	4 565	662.2	1985	87 07
64	3.50	0.240	0.38	0.96	16	893	26		647.0	1986	88 10
16	0.70	0.220	0.75	0.90	43	924	32		695.9	1985	89 02
10	7.92	0.300	0.40	0.93	14	921	28	4 310	651.1	1968	90 12 - GPP
64	3.39	0.330	0.25	0.95	32	959	28	4 480	679.7	1974	81 12 - ABAND 83 03
16	3.00	0.300	0.35	0.95	21	952	28	4 517	663.8	1981	82 05 - ABAND 81 12
16	2.50	0.330	0.35	0.80	90	855	29	2 019	688.7	1984	87 12
606	6.80	0.170	0.32	0.96	14	957	24	3 493	641.5	1982	88 12
16	4.90	0.090	0.56	0.96	15	953	25	4 337	664.8	1985	87 12
16	3.00	0.100	0.58	0.96	15	953	24	4 305	656.9	1985	86 06 - SUSP 87 07
480	4.21	0.170	0.41	0.96	31	955	29	4 350	684.3	1984	89 02
128	3.42	0.275	0.33	0.90	22	910	29	5 670	652.6	1971	88 12 - SUSP 84 08
16	1.52	0.270	0.40	0.97	11	927	29	5 210	584.9	1977	79 12 - ABAND 78 10
16	1.83	0.320	0.24	0.97	15	952	21	4 140	595.0	1975	88 12 - SUSP 86 09

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE	2 RECOVERY PRIMARY	3 RECOVERY ENHANCED	4 INITIAL ESTABLISHED RESERVES PRIMARY	5 INITIAL ESTABLISHED RESERVES ENHANCED	6 INITIAL ESTABLISHED RESERVES TOTAL	7 CUMULATIVE PRODUCTION	8 REMAINING ESTABLISHED RESERVES
	10^3m^3	frac	frac	10^3m^3	10^3m^3	10^3m^3	10^3m^3	10^3m^3
WILDMERE 048-05W4 (CONTINUED)								
COLONY I	338.0	0.05		16.9		16.9	4.9	12.0
COLONY U	151.0	<0.01		0.1		0.1	0.1	
WASECA A	115.0	<0.01		0.1		0.1	0.1	
SPARKY B	4 080.0	0.06		245.0		245.0	194.2	50.8
SPARKY G	164.0	0.05		8.2		8.2	4.6	3.6
SPARKY H	200.0	0.05		10.0		10.0	5.6	4.4
SPARKY I	40.2	<0.01		0.1		0.1	0.1	
SPARKY M	65.6	<0.01		0.1		0.1	0.1	
SPARKY N	10 800.0	0.05		540.0		540.0	101.8	438.2
SPARKY O	733.0	0.05		36.7		36.7	6.5	30.2
SPARKY P	37.8	0.05		1.9		1.9		1.9
SPARKY Q	115.0	<0.01		0.1		0.1	0.1	
SPARKY S	190.0	0.05		9.5		9.5		9.5
SPARKY R & GENERAL PETROLEUM C	119.0	<0.01		0.1		0.1	0.1	
SPARKY J & GENERAL PETROLEUM B	611.0	<0.01		1.6		1.6	1.6	
GENERAL PETROLEUM A	400.0	0.05		20.0		20.0	14.3	5.7
GENERAL PETROLEUM D	101.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER B	217.0	<0.01		1.4		1.4	1.4	
LLOYDMINSTER C	2 050.0	0.03		61.5		61.5	27.3	34.2
LLOYDMINSTER D	401.0	0.02		8.0		8.0	3.4	4.6
LLOYDMINSTER E	140.0	<0.02		1.6		1.6	1.6	
LLOYDMINSTER F	190.0	<0.01		0.3		0.3	0.3	
LLOYDMINSTER G	143.0	<0.01		0.3		0.3	0.3	
LLOYDMINSTER H	133.0	<0.01		0.2		0.2	0.2	
LLOYDMINSTER I	97.0	<0.02		1.4		1.4	1.4	
LLOYDMINSTER K	184.0	<0.01		0.2		0.2	0.2	
LLOYDMINSTER L	169.0	0.05		8.5		8.5	4.2	4.3
LLOYDMINSTER M	177.0	0.05		8.9		8.9	1.4	7.5
LLOYDMINSTER N	216.0	<0.01		0.8		0.8	0.8	
LLOYDMINSTER P	2 522.0	0.03		75.6		75.6	16.1	59.5
LLOYDMINSTER Q	242.0	0.05		12.1		12.1	3.0	9.1
LLOYDMINSTER R	100.0	<0.01		0.4		0.4	0.4	
LLOYDMINSTER V	1 600.0	0.01		16.0		16.0	4.6	11.4
LLOYDMINSTER W	295.0	0.05		14.8		14.8	0.1	14.7
LLOYDMINSTER Y	236.0	0.05		11.8		11.8		11.8
LLOYDMINSTER A & SPARKY E TOTAL	43 420.0			2 485.0	960.0	3 445.0	2 238.3	1 206.7
PRIMARY AREA	31 420.0	0.06		1 885.0		1 885.0		
WATER FLOOD AREA	12 000.0	0.05	0.08	600.0	960.0	1 560.0		
WRENTHAM 006-16W4								
GLAUCONITIC A	67.4	0.07		4.7		4.7	4.5	0.2
GLAUCONITIC B	229.0	0.10		22.9		22.9	10.3	12.6
LOWER MANNVILLE A	333.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE B WATER FLOOD	1 180.0	<0.10	0.15	109.0	177.0	286.0	231.2	54.8
LOWER MANNVILLE C TOTAL	2 053.0			266.0	85.3	351.0	283.6	67.4
PRIMARY AREA	1 200.0	0.15		180.0		180.0		
WATER FLOOD AREA	853.0	0.10	0.10	86.0	85.3	171.0		
LOWER MANNVILLE E	554.0	0.07		38.8		38.8	33.1	5.7
LOWER MANNVILLE F	855.0	0.05		42.8		42.8	23.3	19.5
LOWER MANNVILLE G	384.0	0.07		26.9		26.9	20.9	6.0
LOWER MANNVILLE H	114.0	0.10		11.4		11.4	10.4	1.0
UNDEFINED AND CONFIDENTIAL POOLS								
TOTAL UNDEFINED	24 119.3			824.7		824.7	184.0	640.7
TOTAL CONFIDENTIAL	11 488.1			1 374.2		1 374.2	24.2	1 350.0
TOTAL HEAVY CRUDE OIL	**1 454 070.9**			**122 597.3**	**55 264.7**	**177 866.4**	**122 335.6**	**55 530.8**
PROVINCIAL TOTAL OF LIGHT-MEDIUM AND HEAVY CRUDE OIL	**8 415 805.9**			**1 559 597.0**	**696 546.5**	**2 256 123.1**	**1 745 745.3**	**510 377.8**

9 AREA (ha)	10 AVERAGE PAY THICKNESS (m)	11 POROSITY (frac)	12 WATER SATN (frac)	13 SHRINKAGE (frac)	14 INITIAL SOLUTION GOR (m^3/m^3)	15 DENSITY (kg/m^3)	16 TEMP (°C)	17 INITIAL PRESSURE (kPa)	18 MEAN FORMATION DEPTH (m)	19 DISC YEAR	20 DATE LAST REVIEWED AND REMARKS
48	2.95	0.330	0.27	0.99	8	977	22	3 940	574.3	1981	83 06 - SUSP 88 09
16	4.30	0.320	0.30	0.98	15	970	22	3 500	560.6	1974	88 12 - SUSP 86 03
16	3.40	0.280	0.23	0.98	7	987	28	4 187	601.1	1978	87 08 - ABAND 88 07
597	2.59	0.320	0.15	0.97	15	959	32	6 900	607.7	1965	86 12 - GPP
64	1.75	0.280	0.46	0.97	14	939	26	5 874	600.0	1979	81 02 - SUSP 88 07
73	1.60	0.290	0.39	0.97	10	953	25	3 216	549.7	1979	85 12 - GPP
16	1.20	0.300	0.28	0.97	10	958	25	3 210	548.7	1980	88 12 - SUSP 81 07
16	2.20	0.320	0.40	0.97	12	984	25	5 874	586.9	1981	82 05 - ABAND 85 07
913	5.39	0.310	0.27	0.97	14	966	23	4 600	565.3	1982	86 03
112	3.06	0.300	0.28	0.99	10	973	28	4 840	657.8	1982	84 08
16	1.80	0.260	0.48	0.97	13	981	21	5 523	561.4	1977	84 08
16	3.20	0.310	0.25	0.97	25	980	25	4 512	633.4	1984	88 12 - SUSP 84 11
16	5.70	0.300	0.30	0.99	10	981	24	5 520	602.8	1984	85 12 - SUSP 88 06
32	2.00	0.300	0.36	0.97	11	982	29	4 400	622.3	1981	84 12 - ABAND 86 12
163	1.87	0.300	0.31	0.97	13	950	25	4 376	590.2	1979	88 12 - SUSP 86 06
64	2.98	0.300	0.28	0.97	11	935	29	4 400	625.1	1975	85 12 - GPP
16	2.90	0.320	0.30	0.97	12	987	24	4 429	639.3	1986	86 11 - ABAND 88 12
16	5.48	0.310	0.19	0.99	9	965	26	3 790	591.6	1953	89 12 -' SUSP 86 11
208	4.52	0.290	0.24	0.99	9	990	27	4 740	646.5	1978	84 12 - GPP
32	4.92	0.310	0.17	0.99	9	990	25	4 570	686.1	1977	84 12 - GPP
16	4.20	0.280	0.25	0.99	12	990	24	4 760	648.9	1980	89 12 - SUSP 86 10
16	5.00	0.300	0.20	0.99	9	990	25	4 440	672.5	1981	82 05 - ABAND 87 08
16	4.00	0.300	0.25	0.99	9	984	25	4 460	631.3	1981	82 07 - ABAND 85 06
16	4.00	0.270	0.22	0.99	9	990	29	4 495	684.0	1981	82 10 - ABAND 86 05
16	3.50	0.250	0.30	0.99	9	988	23	4 503	650.3	1982	88 12 - SUSP 86 09
16	5.70	0.280	0.25	0.96	38	952	24	4 616	701.7	1983	83 11 - ABAND 88 11
16	5.00	0.290	0.25	0.97	16	983	26	5 075	652.6	1983	84 02
16	5.50	0.290	0.30	0.99	27	979	25	4 760	643.5	1982	83 04 - SUSP 88 09
16	5.80	0.300	0.20	0.97	16	932	26	4 755	644.8	1982	89 12 - SUSP 87 07
176	6.35	0.300	0.24	0.99	16	980	26	4 860	653.4	1983	87 07
16	6.50	0.300	0.20	0.97	16	986	26	4 560	646.6	1983	84 11 - GPP
16	4.00	0.270	0.40	0.97	16	986	26	4 701	651.0	1984	88 12 - SUSP 86 09
112	6.25	0.310	0.24	0.97	16	969	26	4 960	669.5	1984	87 12
16	7.50	0.310	0.20	0.99	12	990	30	3 750	657.8	1986	86 12
16	6.10	0.300	0.16	0.96	14	956	24	4 544	653.3	1987	88 10 - SUSP 88 12
2 993					10	946	26	4 765	618.6	1963	90 12 - GPP
2 369	5.55	0.320	0.23	0.97							
624	8.05	0.320	0.23	0.97							
16	3.07	0.200	0.27	0.94	22	934	37	5 730	994.0	1976	85 12
48	4.16	0.200	0.39	0.94	22	930	34	9 603	979.2	1981	84 09
32	8.70	0.190	0.33	0.94	10	934	36	9 629	977.5	1983	82 12 - SUSP 83 10
78	10.47	0.220	0.33	0.98	10	934	31	9 630	945.5	1967	90 12 - GPP
386					10	934	31	9 550	941.2	1967	89 12 - GPP
225	3.95	0.200	0.31	0.98							86 12 - GPP - MRL
161	3.66	0.220	0.33	0.98							
96	5.07	0.170	0.31	0.97	10	937	30	9 050	952.6	1979	85 12
144	5.89	0.180	0.41	0.95	10	935	30	9 567	1 002.4	1979	86 01
80	4.85	0.200	0.49	0.97	10	935	30	9 463	970.4	1966	87 12
16	4.62	0.210	0.25	0.98	10	934	31	10 575	974.3	1978	86 04

3 RESERVES OF CRUDE BITUMEN AND SYNTHETIC CRUDE OIL

3.1 Provincial Summary

The Board estimates the remaining established reserves of crude bitumen from the deposits under active development to be 467 million cubic metres for the surface-mineable schemes and 57.4 million cubic metres for the in situ schemes.

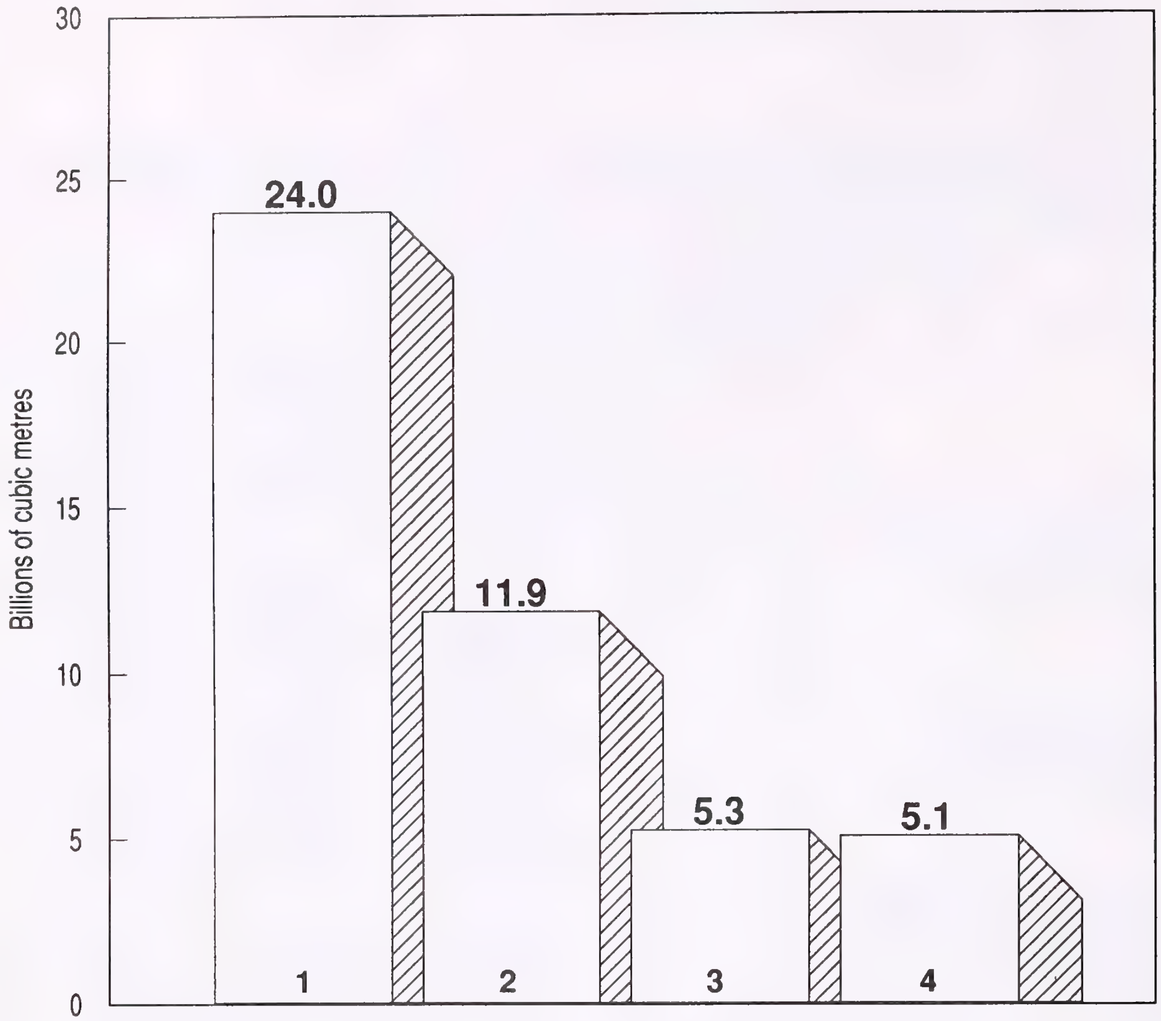
The changes for established crude bitumen reserves are shown below:

	1990	1989	Change
	$10^6\ m^3$	$10^6\ m^3$	$10^6\ m^3$
Initial Established Reserves			
Surface-mineable	644.0	644.0	-
In situ	102.9	97.9	+ 5.0
Total	746.9	741.9	+ 5.0
Cumulative Production			
Surface-mineable	177.0	162.0	+ 15.0
In situ	45.5	37.7	+ 7.8
Total	222.5	199.7	+ 22.8
Remaining Established Reserves			
Surface-mineable	467.0	482.0	− 15.0
In situ	57.4	60.2	− 2.8
Total	524.4	542.2	− 17.8

Synthetic crude oil production resulting from the crude bitumen production at the two mining schemes amounted to some 12.1 million cubic metres with 9.1 million cubic metres from the Syncrude project and 3.0 million cubic metres from the Suncor project.

3.2 Initial In-place Volumes of Crude Bitumen

Alberta's massive crude bitumen reserves are contained in sand and carbonate sedimentary formations in the Athabasca, Cold Lake, and Peace River oil sands areas. Oil Sands Area Orders (OSA Orders) outline the general areal extent of crude bitumen occurrence and Oil Sands Deposit Orders (OSD Orders) outline the specific geological zones which have been declared as oil sands deposits.



1. INITIAL VOLUME IN PLACE. Gross volume of crude bitumen established to exist within the surface-mineable area.

2. INITIAL MINEABLE VOLUME IN PLACE. Volume of crude bitumen calculated using minimum saturation and thickness criteria, and based upon the application of economic-strip-ratio criteria within the surface-mineable area.

3. INITIAL ESTABLISHED MINEABLE RESERVE. Volume of crude bitumen established within category 2, but excluding mining, extraction, and isolated ore losses, and areas unavailable because of placement of mine surface facilities and environmental buffer zones.

4. REMAINING ESTABLISHED MINEABLE RESERVE. Volume of crude bitumen established within category 3, less cumulative production.

FIGURE 3-1 CRUDE BITUMEN RESERVES CATEGORIES WITHIN THE SURFACE-MINEABLE AREA

Initial in-place volumes of crude bitumen in each deposit were estimated using drillhole data and geophysical logs available to the end of 1990. The crude bitumen within the Cretaceous sands was determined using a minimum saturation cut-off of 3 mass per cent crude bitumen, and a minimum saturated zone thickness of 1.5 metres.

For the surface-mineable area of the Athabasca deposit, in-place volumes were calculated by programmed computer techniques employing a geostatistical approach. No revision has been made to the in-place reserve volumes for 1990.

Excluding the surface-mineable area, the building-block approach remains the main method used to identify the in-place volumes within each deposit. Each deposit was divided into 2340-hectare (quarter-township) blocks and the initial in-place volume of crude bitumen in each block was determined using the average properties of the wells drilled in the block. Blocks not containing wells were assigned conservative values based on the lowest initial in-place volume of crude bitumen calculated for an adjacent block.

The crude bitumen in-place volumes in the Lindbergh area of the Cold Lake deposits and the carbonate deposits were determined on the basis of isopach mapping rather than the building-block method. A minimum bitumen saturation of 30 per cent of pore volume and a porosity value of 5 per cent were used as cut-offs in the evaluation of the carbonate deposits.

The total initial volumes of crude bitumen in place for the designated deposits at 31 December 1990 were estimated at 266.5 billion cubic metres. The data are presented in Table 3-2.

3.3 Surface-mineable Crude Bitumen and Synthetic Crude Oil Reserves

The initial mineable volume of in-place reserves of crude bitumen for the surface-mineable area was determined using the method outlined in Section 3.2, within that part of the Athabasca Wabiskaw-McMurray deposit where total overburden and top reject generally do not exceed 75 metres.

Potentially mineable areas were identified by economic strip ratio (ESR) criteria, a minimum saturation cut-off of 5 mass per cent bitumen, and a minimum saturated zone thickness of 1.5 metres. The ESR criteria are fully explained in Appendix III of ERCB Report 79-H[1]. The ESR criteria applied to varying bitumen saturations remains unchanged from the 1988 publication. No revision has been made to the initial reserve values contained in this section.

The initial mineable volume in place of crude bitumen within the potentially mineable areas was established to be 11.9 billion cubic metres. After allowing for surface facilities (plant sites, tailings ponds, discard sites), environmental protection corridors along major rivers, and isolated mineable areas, and assuming a combined mining/extraction recovery factor of 0.82, the resulting initial

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1 Energy Resources Conservation Board, 1979. ***Alsands Fort McMurray Project.*** ERCB Report 79-H. Calgary, Alberta.

established mineable reserve of crude bitumen is estimated to be 5.3 billion cubic metres as shown in Figure 3-1. Technological improvements, better placement of surface facilities in future projects, and improved price/cost economics could increase this estimate.

Only a small portion of the initial established mineable reserves is being actively developed. The surface mining projects of Suncor and Syncrude are currently the only schemes under active development. The estimated established mineable crude bitumen reserves for those projects as at 31 December 1990 are shown below:

Development	Project Area[a]	Initial Mineable Volume in Place[b]	Initial Established Mineable Reserve[b]	Cumulative Production	Remaining Established Mineable Reserve
	ha	10^6 m^3	10^6 m^3	10^6 m^3	10^6 m^3
Suncor	3 030	216	168	78	90
Syncrude	11 860	807	476	99	377
Total	14 890	1 023	644	177	467

a The project areas correspond to the areas defined by the scheme approval and include mineable and other disturbed areas.
b Definitions are given in Figure 3-1.

The yield of synthetic crude oil through upgrading of crude bitumen is dependent upon the type of upgrading technology used, the use of products as fuel in the upgrading, the extent of gas liquids recovery, and the extent of residue upgrading. The yield factor for the current Suncor delayed coking operation is 0.78, while that for the current fluid coking/hydrocracking operation at Syncrude is 0.84. In 1990, the natural gas requirements to achieve these yields averaged 113 cubic metres per cubic metre of synthetic crude oil.

The initial established reserves of synthetic crude oil from the upgrading of the 5.3 billion cubic metres of crude bitumen in the surface-mineable area are estimated to be 4.8 billion cubic metres. This estimate is based on an average yield factor of 0.91 which has been revised from previous years to reflect both current operations and the use of high conversion, hydrogen addition upgrading technologies for the future development of the surface-mineable crude bitumen reserves.

3.4 In Situ Crude Bitumen Reserves

The Board has assigned initial volumes in place and initial and remaining established reserves for commercial projects and active experimental schemes where all or a portion of the wells have been drilled and completed. An aggregate reserve is shown for all active experimental schemes as well as an estimate of initial volumes in place and remaining established reserves for terminated schemes. An aggregate reserve is also shown for all commercial schemes within a given oil sands deposit and area.

For commercial projects where the crude bitumen can be recovered only by the application of some form of thermal energy, only the areas actually developed for thermal recovery have been included in the established reserves notwithstanding the size of the approved project areas. The initial volume in place for developed areas in each project was based on the assigned drainage areas and had regard for the spacing of the individual wells or well clusters. Established reserves were then determined for the currently approved recovery mechanism. It should be noted that future experimentation and technological improvements may result in higher recovery of crude bitumen. For those projects with a primary recovery (pumping wells at natural temperature) component[2], the in-place volume was based on the assumed full development of all project lands not currently developed for thermal recovery. Changes to the initial volume in place were the result of additional drilling and amendments to existing scheme approval areas.

The initial established primary reserves for the Lindbergh area were based on a 2 per cent average primary recovery factor for the Cummings sands, and a 0.1 per cent average primary recovery factor for other Mannville sands. The initial established reserves for the Lindbergh thermal production areas were determined by summing the thermal reserves recognized for each project. This resulted in an average recovery factor of 15 per cent for the Mannville group of sands. For all other oil sands areas, the initial established reserves were determined by totalling the individual project reserves in each deposit. The individual project reserves estimates were based on historical and predicted production levels for each project. Changes to the initial volumes in the Lindbergh area were due to the addition of the Colony and Waseca sands, the re-evaluation of the Lloydminster sand, and the inclusion of other Mannville sands which were previously excluded.

In the active experimental schemes, the initial established reserve figure of 17.0 million cubic metres is based on current well productivity, cumulative production, and the project production to the expiry date of each experimental scheme. Information from some 1440 wells was used in determining the experimental reserves figures.

The Board's estimate of the established in situ crude bitumen reserves is shown in Table 3-1.

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2 For the general Lindbergh area, the initial phase of development will entail cold fluid pumping to create reservoir voidage prior to the implementation of the approved thermal recovery technique.

TABLE 3-1 Established In Situ Crude Bitumen Reserves
As at 31 December 1990

Development	Initial Volume in Place[a] 10^6 m^3	Recovery Factor Percentage	Initial Established Reserves 10^6 m^3	Cumulative Production[b] 10^6 m^3	Remaining Established Reserves 10^6 m^3
Peace River Commercial Project					
Thermal-Bluesky/Gething	16.0	40.0	6.4	2.1	4.3
Subtotal	16.0		6.4	2.1	4.3
Cold Lake Commercial Projects					
Cold Lake					
Thermal—Clearwater	340.9	18.0	61.4	21.5	39.9
Subtotal	340.9		61.4	21.5	39.9
Lindbergh					
Primary — Cummings 1 & 2	226.3	2.0	4.5		
— Other Mannville	234.4	0.1	0.2		
Thermal — Cummings 1 & 2	24.0	15.0	3.6		
— Other Mannville	4.3	17.0	0.7		
Subtotal	489.0		9.0	5.0	4.0
Other Lindbergh					
Primary — Cummings 1 & 2	369.7	2.0	7.4		
— Other Mannville	981.3	0.1	1.0		
Subtotal	1 351.0		8.4	2.0	6.4
Subtotal	2 180.9		78.8	28.5	50.3
Experimental Schemes					
Active	142.5	11.9	17.0	14.2	2.8
Terminated	20.1	3.5	0.7	0.7	-
Subtotal	162.6		17.7	14.9	2.8
Total	2 359.5		102.9	45.5	57.4

a Thermal reserves are assigned only for lands approved for thermal developments and having completed drilling development.
b Cumulative production to 31 December 1990.

TABLE 3-2

ERCB

Reserves of Crude Bitumen and Basic Data

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OVERBURDEN DEPTH (m) OR ZONE	1 INITIAL VOLUME IN PLACE $10^6 m^3$	2 AREA $10^3 ha$	3 AVERAGE PAY THICKNESS m	4 BITUMEN SATURATION mass frac	 pore vol frac	5 POROSITY frac	6 WATER SATN frac	7 REMARKS
ATHABASCA								
UPPER GRAND RAPIDS								
150 - 450+	4 140	334	9	0.062		0.30	0.45	
SUBTOTAL	4 140							
MIDDLE GRAND RAPIDS								
150 - 450+	1 410	182	5	0.077		0.30	0.32	
SUBTOTAL	1 410							
LOWER GRAND RAPIDS								
150 - 450+	1 220	173	6	0.051		0.30	0.55	
SUBTOTAL	1 220							
WABISKAW-MCMURRAY								
0 - 20	6 880	86	38	0.098		0.29	0.26	WITHIN MINEABLE AREA
20 - 40	7 780	103	37	0.096		0.29	0.27	WITHIN MINEABLE AREA
40 - 80	6 960	98	36	0.090		0.28	0.31	WITHIN MINEABLE AREA
80 - 120	2 330	26	46	0.097		0.27	0.27	WITHIN MINEABLE AREA
80 - 750+	117 800	4 329	19	0.069		0.28	0.38	BEYOND MINEABLE AREA
SUBTOTAL	141 750							
NISKU								
200 - 800+	10 330	499	8		0.63	0.21	0.37	
SUBTOTAL	10 330							
GROSMONT								
D	19 890	1 063	16		0.67	0.20	0.33	
C	15 390	1 189	10		0.75	0.16	0.25	
B	5 380	976	5		0.69	0.15	0.31	
A	9 840	939	10		0.60	0.14	0.40	
SUBTOTAL	50 500							
COLD LAKE								
UPPER GRAND RAPIDS								
300 - 600	7 400	816	6	0.065		0.30	0.42	
SUBTOTAL	7 400							
LOWER GRAND RAPIDS								
COLD LAKE AREA	11 650	740	12	0.069		0.31	0.40	
LINDBERGH AREA								
COLONY	7	2	2	0.125	0.73	0.30	0.27	
WASECA	88	8	5	0.158	0.66	0.30	0.34	
SPARKY	124	10	4	0.101	0.68	0.32	0.32	
LOWER GRAND RAPIDS 2	47	8	3	0.098	0.68	0.31	0.32	
LOWER GRAND RAPIDS 3	161	19	4	0.100	0.74	0.31	0.31	
LOWER GRAND RAPIDS 4	166	20	4	0.108	0.69	0.31	0.26	
LLOYDMINSTER	389	17	12	0.112	0.76	0.31	0.24	
SUBTOTAL	12 630							
CLEARWATER								
300 - 600	11 050	589	15	0.087	0.64	0.30	0.36	
SUBTOTAL	11 050							
WABISKAW-MCMURRAY								
COLD LAKE AREA	3 160	591	6	0.057		0.25	0.49	
LINDBERGH AREA								
CUMMINGS 1	338	33	6	0.133	0.79	0.31	0.21	
CUMMINGS 2	282	25	6	0.144	0.80	0.32	0.20	
MCMURRAY	238	21	5	0.104	0.75	0.30	0.25	
SUBTOTAL	4 020							
PEACE RIVER								
BLUESKY-GETHING								
300 - 700	11 490	1 000	11	0.077	0.69	0.25	0.31	
SUBTOTAL	11 490							
BELLOY								
675 - 700	282	26	8		0.64	0.27	0.36	
SUBTOTAL	282							

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OVERBURDEN DEPTH (m) OR ZONE	1 INITIAL VOLUME IN PLACE 10^6m^3	2 AREA 10^3ha	3 AVERAGE PAY THICKNESS m	4 BITUMEN SATURATION mass frac	 pore vol frac	5 POROSITY frac	6 WATER SATN frac	7 REMARKS
PEACE RIVER (CONTINUED)								
UPPER DEBOLT								
500 - 800	1 830	100	13		0.61	0.19	0.39	
SUBTOTAL	1 830							
LOWER DEBOLT								
500 - 800	5 970	202	29		0.67	0.18	0.30	
SUBTOTAL	5 970							
SHUNDA								
500 - 800	2 510	143	14		0.52	0.23	0.48	
SUBTOTAL	2 510							
TOTAL	266 500							DISCREPANCIES IN TOTAL AND SUBTOTALS ARE DUE TO ROUNDING

4 RESERVES OF GAS

4.1 Provincial Summary

The Board estimates the remaining established reserves of marketable gas in Alberta at 31 December 1990 to be 1647 billion cubic metres, having a thermal (heating value) energy content of 63.4 exajoules. This represents a net decrease of 2 billion cubic metres since 31 December 1989. The reserves include ethane and natural gas liquids subsequently recovered at reprocessing plants as discussed in Section 4.6. The changes in reserves during 1990 are shown below:

	Remaining Established Reserves of Marketable Gas			
	Actual Heating Value Basis	**Change**	**37.4 MJ/m³ Basis**	**Energy Content**
	10^9 m³	10^9 m³	10^9 m³	10^{18} J
At 31 December 1989				
Associated and solution	282.9			
Non-associated	1 366.8			
Total	1 649.7		1 698.2	63.5
Additions during 1990	87.8		90.2	3.4
Less production during 1990	90.1		94.2	3.5
At 31 December 1990				
Associated and solution	273.4	− 9.6	281.1	10.9
Non-associated	1 374.0	+ 7.2	1 413.0	52.4
Total	1 647.4 (58 472)[b]	− 2.3[a]	1 694.2[a] (60 133)[c]	63.4[a]

a Discrepancies are due to rounding.

b Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

c Imperial equivalent in billions of cubic feet of 1000 British thermal units per cubic foot of gas.

At year-end 1990, gas reserves were assigned to 22 791 pools in the province. Of these, 8632 had produced or are being produced and had remaining established reserves of 1127 billion cubic metres after cumulative production of 1639 billion. The 14 159 pools not on production had aggregate initial established reserves of marketable gas of 520 billion cubic metres, including 32 billion cubic metres of associated initial marketable gas reserves (gas-cap gas) classified as deferred.

4.2 Reserves of Gas Containing Hydrogen Sulphide

Some 1943 gas pools in the province contain at least some hydrogen sulphide and are classed as "sour". The distribution of established reserves of sweet and sour gas is shown below:

Type of Gas	Raw Gas: Initial Volume in Place	Raw Gas: Initial Producible	Marketable Gas: Initial Established Reserves	Marketable Gas: Net Cumulative Production	Marketable Gas: Remaining Established Reserves
	10^6 m^3				
Sweet					
Associated	348 265	280 460	397 234	217 498	179 736
Solution	479 603	210 626			
Non-associated	2 594 597	1 877 740	1 744 180	737 349	1 006 831
Subtotal	3 422 465	2 368 826	2 141 414	954 847	1 186 567
Sour					
Associated	262 941	208 455	236 754	143 103	93 651
Solution	241 278	142 651			
Non-associated	1 651 538	1 245 875	908 625	541 441	367 184
Subtotal	2 155 757	1 596 981	1 145 379	684 544	460 835
Total	5 578 222	3 965 807	3 286 793	1 639 391	1 647 402
	(197 992)[a]	(140 761)[a]	(116 661)[a]	(58 188)[a]	(58 472)[a]

a Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

The distribution of marketed gas production by hydrogen sulphide content in the raw gas is shown below:

H_2S Content in Raw Gas	**1990 Cumulative Marketed Production**		**1990 Annual Marketed Production**	
mole percentage	10^6 m^3	percentage of total	10^6 m^3	percentage of total
0.00	954 847	58.24	63 323	70.29
0.00—1.99	241 903	14.76	7 915	8.78
2.00—9.99	255 322	15.57	9 267	10.29
10.00—19.99	109 005	6.65	6 446	7.15
20.00—29.99	22 708	1.39	3 143 [a]	3.49
30.00 or more	55 606	3.39		
Total	1 639 391	100.00	90 094	100.00

a Numbers grouped due to changes in H_2S content.

Sulphur reserves are discussed in Chapter 7.

4.3 Distribution of Gas Reserves by Pool Size

The distribution of initial and remaining established reserves of marketable gas among pools of different size ranges is shown below. For the purposes of this table, where gas production from two or more pools is commingled in the wellbore, the pools are considered as one pool, the SE Alta Gas System (MU) is considered on a field basis, and associated and solution gas reserves in a pool have been combined.

Reserve Range	**Pools**		**Initial Established Marketable Reserves**		**Remaining Established Marketable Reserves**	
10^6 m^3	number	percentage of total	10^6 m^3	percentage of total	10^6 m^3	percentage of total
3000 or more	152	0.67	1 722 700	52.41	622 996	37.82
1500—2999	102	0.45	208 872	6.35	106 181	6.44
300—1499	913	4.00	541 907	16.49	299 009	18.15
1—299	21 624	94.88	813 314	24.75	619 216	37.59
Total	22 791	100.00	3 286 793 (116 661)[a]	100.00	1 647 402 (58 472)[a]	100.00

a Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

4.4 Growth of Marketable Gas Reserves

The addition of 88 billion cubic metres to the initial established reserves during 1990 resulted partly from 28 billion cubic metres from new discoveries made during the year. The remaining 60 billion cubic metres were attributed to development drilling, the reassessment of previously discovered reserves, and reserves discovered before 1990 but first recognized by the Board in 1990. The quantity of reserves added in 1990 was 19 per cent lower than in 1989 but 36 per cent above the annual average for the last decade.

The reserve growth rate is more fully discussed in Chapter 8.

The pools for which initial marketable gas reserves were revised by more than 900 million cubic metres in 1990 are listed in Table 4-1. The revisions occurred primarily as a result of detailed reviews of the reserves of these pools by operators and Board staff.

4.5 Reserves of Pools Calculated on an Energy Basis

Reserves of major retrograde condensate pools are tabulated on both an energy and a volumetric basis. Table 4-2 lists the initial energy in place, the recovery factor and surface loss factor (both on an energy basis), and the initial marketable energy for each pool. The table also lists raw- and marketable-gas heating values used to convert from a volumetric to an energy basis. The volumetric reserves of these pools are included in Table 4-5, but with recovery factors and surface loss factors deleted.

4.6 Reserves of Ethane and Natural Gas Liquids Included in Gas Reserves

The remaining established reserves of natural gas discussed in Section 4.1 are determined at the field gate. A portion of the ethane and natural gas liquids they contain enter trunk line systems and will be extracted downstream at reprocessing plants. If these quantities which will be extracted are deducted from the remaining established reserves of marketable gas, the gas reserves and the thermal energy content would be reduced from 1647 billion to 1592 billion cubic metres and from 63.4 to 58.9 exajoules, respectively, as shown at the end of Table 4-5.

Reserves of ethane and natural gas liquids are discussed in more detail in Chapters 5 and 6, respectively.

4.7 Discussion of Reserves Table 4-5

The established reserves of marketable gas have been estimated having regard for information presented by the industry in submissions and studies by Board staff.

The established reserves of gas are listed in Table 4-5 alphabetically by strike area. Strike areas where no field has been designated by the Board are identified by "SA" immediately following the name. The approximate location of the strike area is also given. The data presented are condensed

from the gas reserve system data file[1]. Pools having initial marketable gas reserves greater than or equal to 300 million cubic metres are listed individually. Pools having reserves less than 300 million cubic metres are grouped within each field or area and presented as a total. The total reserve in a field or area is shown as the last entry.

Where the established reserve for a pool is based on material-balance or production-decline calculations, the reservoir factors last established for the pool for volumetric calculations have been retained for informational purposes.

Where production from two or more pools is commingled before measurement, the initial reserve estimate for each pool is shown, if available, together with the total reserve estimate for the pools. Production is subtracted from the sum of the initial established marketable reserves of the pools to obtain the remaining established marketable reserves. Similarly, because production of associated- and solution-gas reserves for a pool has not been determined separately, the combined net cumulative production is subtracted from the sum of the initial established marketable reserves of associated and solution gas. Therefore, Table 4-5 shows initial reserves by category but includes remaining associated- and solution-gas reserves only on a combined basis.

Gas reserves in communication with crude bitumen have been classified as non-associated reserves in this report.

The amount of marketable gas produced from a pool is determined by adjusting the cumulative raw gas production from the pool for the estimated surface loss. Where gas has been injected for the enhanced recovery of oil, cycling of gas pools, and gas storage, the volumes of injected gas are included in the remaining established reserves of marketable gas (column 6) of the respective pools. The volumes credited to the pools have been adjusted to reflect projected losses in the reservoir and in handling and processing.

Prior to May 1989, injected volumes for enhanced recovery schemes by solvent injection were included by the Board under the production accounting category "injected gas". Under the Board's new Production Injection Data System, the injected solvent and gas volumes have been segregated. Since methane represents only a portion of the solvent bank, the total adjustment required for these schemes was a decrease in the injected volumes of 2317 million cubic metres which amounts to an increase in the provincial marketable gas produced by an equivalent amount.

Also, prior to 1990, make-up gas for gas cycling schemes was not accounted for as these volumes were not reported to the Board. A cumulative adjustment of minus 1382 million cubic metres was required for these schemes.

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1 The Board maintains a computer file of detailed reserves information for each pool in Alberta containing gas. The non-confidential portion of the file for year-end 1990 is available in the following forms:

(a) Magnetic computer tape of the gas reserve file.

(b) A COM-microfiche publication of gas reserves and reserve factors.

The individual pool marketable gas produced values for year-end 1990 have been revised to reflect these adjustments. The net result of these two adjustments was an increase in the provincial marketable gas produced of 935 million cubic metres.

The marketed gas production generated by the gas reserves system for 1990 was 90.1 billion cubic metres. (The actual net production of marketable gas, as determined from production reports, is reported in the Board's publication ERCB ST 91-17, ***Alberta Oil and Gas Industry–Annual Statistics*** and for 1990 was 85.2 billion cubic metres.) It is emphasized that because changes due to errors or to amendments to production reports have been made to the previously reported cumulative raw gas production for some pools, and because of the adjustments made to the injected gas volumes discussed above, **net production volumes** for any year **should not be calculated from cumulative numbers appearing in this and previous reports**.

The major purchasers of gas from particular fields are shown in column 20. This information has been updated to year-end 1990 based on the lands under contract data provided to the Board by those purchasers.

4.8 Other Matters

A summary of the distribution of established reserves of gas by geological period is shown in Table 4-3.

Pools that are common to more than one designated field and those pools whose production is commingled with such common pools are termed "multi-field pools". The reserve for each designated pool in a multi-field pool is shown under the designated field in Table 4-5. A list of pools contained in each multi-field pool, the individual initial established reserves, and the total initial established reserves for the multi-field pool are shown in Table 4-4.

Reserves in this report have been classified as within or beyond economic reach using a simple partially computerized procedure adopted by the Board in 1979. The Board estimates the reserves classified as beyond economic reach to be 63 billion cubic metres at 31 December 1990.

The map in the back pocket of this report shows the locations of Board-designated fields as at 31 December 1990.

TABLE 4-1 Major Gas Reserve Changes
1990

Pool	Initial Established Reserves		Main Reasons for Change
	1990	Change	
	10^6 m^3	10^6 m^3	
Boyer Bluesky A & Gething A	8 350	−3 025	Re-evaluation of initial volume in place and recovery factor
Brazeau River Nisku W	1 200	+ 951	Re-evaluation of initial volume in place and recovery and surface loss factors
Chinchaga North Debolt—Detrital A	2 400	+1 792	Re-evaluation of initial volume in place
Elmworth Falher A-2	1 660	+ 920	Re-evaluation of initial volume in place
Hamburg Slave Point A	9 910	+8 180	Development and re-evaluation of recovery factor
Haro Bluesky A	3 253	−1 705	Re-evaluation of initial volume in place and recovery factor
Obed D-3 A	1 900	+ 900	Re-evaluation of initial volume in place and recovery factor
Pedigree Bluesky-Montney A	2 600	+2 048	Development
Wapiti Cadomin A	6 000	−2 250	Re-evaluation of initial volume in place and splitting of pool
Waterton Rundle 30-4-1 W5M	959	+ 959	New pool
Westlock Viking, Viking B, I, J, K, L, M, N, P & Q	11 000	−1 200	Re-evaluation of initial volume in place and recovery factor
Wilson Creek Glauconitic A	290	−1 020	Re-evaluation of initial volume in place and recovery factor

TABLE 4-2 Reserves of Pools Calculated on an Energy Basis
As at 31 December 1990

Pool	Raw Gas Initial Volume in Place	Raw Gas Gross Heating Value	Initial Energy in Place	Recovery Factor	Fuel and Shrinkage (Surface Loss Factor)	Initial Marketable Gas Energy	Marketable Gas Gross Heating Value	Initial Established Reserves of Marketable Gas
	10^6 m^3	MJ/m^3	10^6 MJ	fraction	fraction	10^6 MJ	MJ/m^3	10^6 m^3
Brazeau River Nisku J	707	74.44	52 603	0.75	0.50	19 726	41.01	481
Brazeau River Nisku K	938	72.19	67 714	0.75	0.60	20 314	41.01	496
Brazeau River Nisku M	1 489	76.22	113 463	0.75	0.60	34 039	41.36	823
Brazeau River Nisku P	9 408	61.23	576 062	0.74	0.65	149 200	40.00	3 730
Brazeau River Nisku S	1 665	54.64	90 976	0.80	0.57	31 296	41.38	756
Brazeau River Nisku W	1 895	55.65	105 462	0.72	0.35	49 356	41.13	1 200
Caroline Beaverhill Lake A	61 153	49.95	3 054 542	0.77	0.62	893 759	42.56	21 000
Carson Creek Beaverhill Lake B	10 941	55.68	609 198	0.90	0.39	334 450	41.65	8 030
Harmattan East Rundle	36 252	50.26	1 822 003	0.85	0.26	1 146 040	40.93	28 000
Harmattan-Elkton Rundle C	31 326	46.96	1 471 056	0.90	0.27	966 484	41.48	23 300
Kakwa A Cardium A	1 120	55.40	62 069	0.85	0.32	35 876	42.71	840
Kaybob Beaverhill Lake C	2 104	63.77	134 188	0.85	0.42	66 155	41.09	1 610
Kaybob South Beaverhill Lake A	104 424	47.90	5 001 905	0.70	0.58	1 470 560	40.40	36 400
Ricinus Cardium A	8 316	58.59	487 221	0.85	0.32	281 614	40.52	6 950
Valhalla Halfway B	5 885	53.89	317 143	0.80	0.33	169 989	40.00	4 250
Waterton Rundle-Wabamun A	79 529	48.74[a]	3 876 243	0.78	0.36	1 935 025	39.25	49 300
Wembley Halfway B	6 093	53.89	328 352	0.80	0.33	175 997	40.00	4 400
Westerose D-3	3 669	51.55	189 131	0.90	0.25	127 663	41.72	3 060
Westpem Nisku E	1 160	66.05	76 654	0.90	0.54	31 735	44.76	709
Windfall D-3 A	21 288	53.42	1 137 217	0.60	0.53	320 695	42.42	7 560

a Producible raw gas gross heating value is 40.65 MJ/m^3.

TABLE 4-3 **Distribution of Established Reserves of Gas by Geological Period**
As at 31 December 1990

	1	2	3	4	5	6	7	8
	Raw Gas	**Marketable Gas**			**Raw Gas**	**Marketable Gas**		
Geological Period	**Initial Volume in Place**	**Initial Established Reserves**	**Net Cumulative Production**	**Remaining Energy Content**	**Initial Volume in Place**	**Initial Established Reserves**	**Net Cumulative Production**	**Remaining Energy Content**
	10^6 m^3			TJ	Percentage of total			
Tertiary								
Tertiary	121	70	2	2 462				
Subtotal	121	70	2	2 462				
Upper Cretaceous								
Belly River	100 632	60 652	23 768	1 380 609	1.80	1.84	1.44	2.17
Milk River & Med Hat	422 878	278 552	145 388	4 855 986	7.58	8.47	8.86	7.66
Cardium	257 797	88 521	35 649	2 144 107	4.62	2.69	2.17	3.38
Second White Specks	6 633	4 318	492	142 353	.11	.13	.03	.22
Other	46 991	30 097	9 000	842 767	.84	.91	.54	1.33
Subtotal	834 931	462 140	214 297	9 365 822	14.96	14.06	13.07	14.78
Lower Cretaceous								
Viking	393 626	272 678	158 112	4 281 058	7.05	8.29	9.64	6.75
Basal Colorado	39 463	32 236	27 269	183 870	.70	.98	1.66	.29
Mannville	1 383 243	920 222	383 263	20 530 137	24.79	27.99	23.37	32.40
Other	46 599	31 837	16 125	605 095	.83	.96	.98	.95
Subtotal	1 862 931	1 256 973	584 769	25 600 160	33.39	38.24	35.66	40.40
Jurassic								
Jurassic	44 234	27 515	9 832	698 887	.79	.83	.59	1.10
Other	75 043	48 513	17 275	1 230 996	1.34	1.47	1.05	1.94
Subtotal	119 277	76 028	27 107	1 929 883	2.13	2.31	1.65	3.04
Triassic								
Triassic	48 816	30 862	8 389	887 520	.87	.93	.51	1.40
Other	61 301	40 561	5 503	1 372 745	1.09	1.23	.33	2.16
Subtotal	110 117	71 423	13 892	2 260 265	1.97	2.17	.84	3.56
Permian								
Belloy	7 376	4 592	1 215	121 459	.13	.13	.07	.19
Other	297	207	-	7 963	-	-	-	.01
Subtotal	7 673	4 799	1 215	129 422	.13	.14	.07	.20

TABLE 4-3 (continued)

Geological Period	1 Raw Gas: Initial Volume in Place	2 Marketable Gas: Initial Established Reserves	3 Marketable Gas: Net Cumulative Production	4 Remaining Energy Content	5 Raw Gas: Initial Volume in Place	6 Marketable Gas: Initial Established Reserves	7 Marketable Gas: Net Cumulative Production	8 Remaining Energy Content
	10^6 m^3			TJ	Percentage of total			
Mississippian								
Rundle	1 001 036	608 358	391 479	8 492 898	17.94	18.50	23.87	13.40
Other	88 293	61 856	32 496	1 123 482	1.58	1.88	1.98	1.77
Subtotal	1 089 329	670 214	423 975	9 616 380	19.52	20.39	25.86	15.17
Upper Devonian								
Wabamun	222 382	100 393	60 760	1 476 147	3.98	3.05	3.70	2.32
Nisku	97 817	47 382	15 537	1 265 017	1.75	1.44	.94	1.99
Leduc	470 234	240 168	173 168	2 670 197	8.42	7.30	10.56	4.21
Beaverhill Lake	445 311	184 862	76 452	4 307 688	7.98	5.62	4.66	6.79
Other	87 574	44 170	33 541	405 258	1.56	1.34	2.04	.63
Subtotal	1 323 318	616 975	359 458	10 124 307	23.72	18.77	21.92	15.97
Middle Devonian								
Sulphur Point	12 239	8 067	950	271 343	.21	.24	.05	.42
Muskeg	4 449	2 171	468	70 880	.07	.06	.02	.11
Keg River	49 288	22 990	6 765	661 065	.88	.69	.41	1.04
Other	23 867	9 949	6 493	126 072	.42	.30	.39	.19
Subtotal	89 843	43 177	14 676	1 129 360	1.61	1.31	.89	1.78
Beyond Economic Reach	108 789	63 579	-	2 394 711	1.95	1.93	-	3.77
Confidential[a]	31 893	21 415	-	809 434	.57	.65	-	1.27
Total	5 578 222	3 286 793	1 639 391	63 362 206	100.00[b]	100.00[b]	100.00[b]	100.00[b]
	(197 992)[c]	(116 661)[c]		(60 081)[d]				

a Some **Confidential** reserves included in **Beyond Economic Reach** category.
b Discrepancies are due to rounding.
c Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.
d Imperial equivalent in billions of cubic feet of 1000 British thermal units per cubic foot of gas.

TABLE 4-4 Reserves of Multi-field Pools
As at 31 December 1990

Multi-field Pool Field and Pool	Initial Established Reserves 10^6 m^3
Edmonton Pool No. 1	
Bashaw Edmonton D	66
Nevis Edmonton D	353
Total	419
Belly River Pool No. 1	
Bashaw Belly River C	981
Bashaw Belly River G	48
Bashaw Belly River H	181
Bashaw Belly River L	20
Bashaw Belly River M	228
Bashaw Belly River Q	15
Nevis Belly River C	1 140
Total	2 613
Belly River Pool No. 2	
Bruce Belly River J	528
Holmberg Belly River J	94
Total	622
Belly River Pool No. 3	
Fenn West Belly River J	32
Fenn-Big Valley Belly River J	326
Gadsby Belly River J	1 560
Total	1 918
Milk River Pool No. 1	
Alderson Milk River A	13 400
Atlee-Buffalo Milk River A	5 500
Bantry Milk River A	5 980
Bindloss Milk River A	1 010
Bow Island Milk River A	67
Brooks Milk River A	295
Cassils Milk River A	1 650
Cessford Milk River A	2 780
Connorsville Milk River A	676
Countess Milk River A	5 890
Hussar Belly River C	30
Hussar Milk River A	128
Jenner Milk River A	3 510
Johnson Milk River A	356
Kitsim Milk River A	125
Leckie Milk River A	365
Matziwin Milk River A	1 880
Medicine Hat Milk River A	30 600
Medicine Hat Second White Specks D[a]	1 400
Medicine Hat Second White Specks K[a]	4
Medicine Hat Second White Specks L[a]	10
Medicine Hat Second White Specks P[b]	5
Newell Milk River A	957
Princess Milk River A	7 770
Rainier Milk River A	137
Suffield Milk River A	20 700
Verger Milk River A	5 230
Wintering Hills Milk River A	1 290
Total	111 745
Medicine Hat Pool No. 1	
Alderson Medicine Hat A	2 800
Atlee-Buffalo Medicine Hat A	2 470
Bantry Medicine Hat A	3 410
Bassano Medicine Hat A	418
Berry Medicine Hat A	53
Bindloss Medicine Hat A	372
Blackfoot Medicine Hat A	140
Brooks Medicine Hat A	44
Cassils Medicine Hat A	840
Cessford Medicine Hat A	7 250
Connorsville Medicine Hat A	1 920
Countess Medicine Hat A	7 670
Estuary Medicine Hat A	130
Eyremore Medicine Hat A	118
Gleichen Medicine Hat A	580
Hussar Medicine Hat A	2 950
Jenner Medicine Hat A	1 300
Kitsim Medicine Hat A	270
Lathom Medicine Hat A	245
Leckie Medicine Hat A	155
Matziwin Medicine Hat A	1 430
Medicine Hat Medicine Hat A	50 000
Mossleigh Medicine Hat A	28
Newell Medicine Hat A	79
Princess Medicine Hat A	4 350
Seiu Lake Medicine Hat A	581
Shouldice Medicine Hat A	640
Suffield Medicine Hat A	11 200
Verger Medicine Hat A	6 000
Wayne-Rosedale Medicine Hat A	1 130
Wintering Hills Medicine Hat A	3 980
Total	112 553

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves 10^6 m^3
Medicine Hat Pool No. 3	
Alderson Medicine Hat C	670
Atlee-Buffalo Medicine Hat C	11
Bantry Medicine Hat C	915
Bow Island Medicine Hat C	12
Brooks Medicine Hat C	26
Cassils Medicine Hat C	100
Cessford Medicine Hat C	221
Countess Medicine Hat C	104
Eyremore Medicine Hat C	29
Jenner Medicine Hat C	36
Leckie Medicine Hat C	11
Matziwin Medicine Hat C	33
Medicine Hat Medicine Hat C	2 600
Medicine Hat Second White Specks J[c]	314
Medicine Hat Second White Specks M[d]	9
Medicine Hat Lower Colorado Sand A[c]	250
Newell Medicine Hat C	54
Princess Medicine Hat C	357
Suffield Medicine Hat C	844
Verger Medicine Hat C	134
Total	6 730
Medicine Hat Pool No. 4	
Alderson Medicine Hat D	194
Atlee-Buffalo Medicine Hat D	22
Bantry Medicine Hat D	82
Bindloss Medicine Hat D	3
Brooks Medicine Hat D	4
Cessford Medicine Hat D	545
Countess Medicine Hat D	60
Jenner Medicine Hat D	70
Matziwin Medicine Hat D	101
Medicine Hat Medicine Hat D	2 400
Newell Medicine Hat D	18
Princess Medicine Hat D	253
Suffield Medicine Hat D	1 000
Verger Medicine Hat D	240
Total	4 992
Second White Specks Pool No. 1	
Alderson Second White Specks A	12 500
Atlee-Buffalo Second White Specks A	47
Bantry Second White Specks A	1 780
Bow Island Second White Specks A	830
Bow Island Second White Specks C[e]	7
Cessford Second White Specks A	410
Countess Second White Specks A	536
Jenner Second White Specks A	1 130
Johnson Second White Specks A	98
Matziwin Second White specks A	60
Medicine Hat Second White Specks A	5 200
Princess Second White Specks A	5 530
Suffield Second White Specks A	11 300
Verger Second White Specks A	2 590
Total	42 018
Second White Specks Pool No. 2	
Garden Plains Second White Specks E	766
Hanna Second White Specks E	367
Provost Second White Specks E	214
Richdale Second White Specks E	100
Sullivan Lake Second White Specks E	50
Total	1 497
Bow Island Pool No. 1	
Medicine Hat Bow Island C	332
Suffield Bow Island C	311
Total	643
Viking Pool No. 1	
Fairydell-Bon Accord Upper Viking A	1 010
Fairydell-Bon Accord Middle Viking A	2 800
Fairydell-Bon Accord Middle Viking B	511
Peavey Upper Viking A	12
Redwater Upper Viking A	1 940
Redwater Middle Viking A	601
Redwater Lower Viking A	299
Westlock Middle Viking B	323
Total	7 496
Viking Pool No. 2	
Beaverhill Lake Upper Viking A & B, Middle Viking A, and Lower Viking A	4 800
Bellshill Lake Upper Viking A	110
Birch Upper and Middle Viking A	101
Bruce Upper Viking A & F, Middle Viking A & B, and Upper Mannville Z	3 910
Dinant Upper Viking A	69
Fort Saskatchewan Upper and Middle Viking A	7 700
Holmberg Upper Viking A	82
Killam Upper and Middle Viking A	1 400

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves 10^6 m^3
Killam North Upper and Middle Viking A, Basal Mannville C & U, and Nisku A	1 135
Mannville Upper and Middle Viking A	277
Sedgewick Upper Viking A	140
Viking-Kinsella Upper and Middle Viking A and Upper Mannville YY	29 000
Total	48 724
Viking Pool No. 3	
Carbon Viking D	1 400
Ghost Pine Viking D	208
Total	1 608
Viking Pool No. 4	
Fenn-Big Valley Viking B	590
Fenn West Viking B	194
Lousana Viking B	10
Total	794
Viking Pool No. 5	
Hudson Viking A	687
Sedalia Viking A, Viking F, Upper Mannville D, and Lower Mannville B	419
Total	1 106
Viking Pool No. 6	
Ashmont Viking A	409
Cache Viking A	892
Canard Viking A	165
Clay Viking A	477
Corrin Viking A	269
Craigend Viking A	3 600
Duvernay Viking A	648
Duvernay Viking M	23
Hairy Hill Viking A	311
Owlseye Viking A	64
Plain Viking A	17
St. Paul Viking A	186
Stry Viking A	214
Sugden Viking A	2 250
Therien Viking A	232
Ukalta Viking A	134
Whitford Viking A	406
Willingdon Viking A	166
Willingdon Viking B	4
Willingdon Viking J	3
Total	10 470
Viking Pool No. 7	
Inland Upper Viking C & E and Middle Viking F, G, & I	268
Royal Upper Viking C and Lower Viking A	43
Total	311
Viking Pool No. 10	
Goodridge Viking F	119
Jarvie Viking F	94
Westlock Viking F	251
Total	464
Viking Pool No. 11	
Jarvie Viking G	65
Westlock Viking G	107
Total	172
Viking Pool No. 13	
Chigwell Viking G	99
Nelson Viking G	174
Total	273
St. Edouard Pool No. 3	
Ukalta St. Edouard B	60
Whitford St. Edouard B	34
Total	94
Glauconitic Pool No. 3	
Bonnie Glen Glauconitic A	835
Ferrybank Glauconitic A	900
Total	1 735
Glauconitic Pool No.4	
Cessford Glauconitic T	247
Cessford Mannville HH	779
Wayne-Rosedale Glauconitic T	1 540
Total	2 566

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves 10^6 m^3
Glauconitic Pool No. 5	
Bigoray Glauconitic I	1 120
Pembina Glauconitic I	2 550
Pembina Lobstick Glauconitic D	91
Pembina Ostracod C	153
Total	3 914
Glauconitic Pool No. 6	
Countess Glauconitic III	1 420
Countess Upper Mannville LL	48
Hussar Glauconitic III	409
Wintering Hills Glauconitic III	57
Wintering Hills Upper Mannville I	45
Wintering Hills Lower Mannville W	26
Total	2 005
Bluesky Pool No. 1	
Black Bluesky A	51
Boyer Bluesky A & Gething A	8 350
Haro Bluesky A	3 253
Rainbow Bluesky A	5 071
Rainbow South Bluesky A	61
Sousa Bluesky A	292
Steen Bluesky A	176
Virgo Bluesky A	310
Total	17 564
Bluesky-Detrital-Debolt Pool No. 1	
Cranberry Bluesky-Detrital-Debolt A	1 720
Hotchkiss Bluesky-Detrital-Debolt A	2 870
Total	4 590

Multi-field Pool Field and Pool	Initial Established Reserves 10^6 m^3
Gething Pool No. 1	
Fox Creek Gething D	159
Fox Creek Gething H	4 228
Kaybob South Gething H	1 320
Total	5 707
Ellerslie Pool No. 1	
Connorsville Glauconitic A	239
Connorsville Glauconitic B	22
Connorsville Glauconitic C	140
Connorsville Glauconitic E	103
Connorsville Glauconitic I	22
Connorsville Ellerslie A	2 750
Wintering Hills Ellerslie A	1 530
Total	4 806
Cadomin Pool No. 1	
Elmworth Cadomin A	4 930
Sinclair Cadomin A	2 520
Total	7 450
Halfway Pool No. 1	
Valhalla Halfway B	4 250
Wembley Halfway B	6 315
Total	10 565
Banff Pool No. 1	
Haro Banff E	87
Rainbow Banff E	13
Rainbow South Banff E	59
Total	159

a Also commingled with the Medicine Hat Medicine Hat A, C, and D pools.
b Also commingled with the Medicine Hat Medicine Hat C and D and Second White Specks A pools.
c Also commingled with the Medicine Hat Medicine Hat D Pool.
d Also commingled with the Medicine Hat Medicine Hat D and Medicine Hat Second White Specks A pools.
e Also commingled with the Bow Island Medicine Hat A, C, and D pools.

TABLE 4-5

ERCB

Reserves of Gas and Basic Data

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
ABEE 062-23W4									
TOTAL-ABEE	2 685			1 695	742	953		35 844	
ACADIA 026-04W4									
TOTAL-ACADIA	176			122	3	119		4 380	
ACHESON 052-26W4									
D-3 A SOLN	2 669	0.68	0.30	1 271	1 225	46	43	1 997	
OTHER	1 985			1 162	475	687		27 901	
TOTAL-ACHESON	4 654			2 433	1 700	733		29 898	
ACHESON EAST 052-26W4									
TOTAL-ACHESON EAST	770			365	173	192		7 416	
ACME 029-25W4									
TOTAL-ACME	331			214		214		8 117	
ADEN 001-09W4									
RUNDLE A	958	0.85	0.15	692	361	331	37	12 277	711
OTHER	586			400	239	161		5 995	
TOTAL-ADEN	1 544			1 092	600	492		18 272	
AERIAL 029-18W4									
TOTAL-AERIAL	873			506	159	347		13 045	
AETNA (SA) 002-25W4									
TOTAL-AETNA	136			98		98		3 700	
AKUINU 066-04W5									
TOTAL-AKUINU	557			386	215	171		6 425	
ALBERS 041-07W4									
TOTAL-ALBERS	133			90		90		3 208	
ALBRIGHT 072-09W6									
TOTAL-ALBRIGHT	925			653	48	605		23 583	
ALCOMDALE 058-26W4									
TOTAL-ALCOMDALE	8			5	5				
ALDER 045-08W5									
TOTAL-ALDER	163			110		110		4 451	
ALDERSON 015-11W4									
MILK RIVER A	20 150	0.70	0.05	13 400			36		157 212
MEDICINE HAT A	4 124	0.70	0.03	2 800			36		67 799
MEDICINE HAT C	1 382	0.50	0.03	670			36		57 415
MEDICINE HAT D	400	0.50	0.03	194			36		16 618
SECOND WHITE SPECKS A	17 544	0.75	0.05	12 500			36		144 504
SE ALTA GAS SYS(MU) TOTAL	43 600	0.70	0.05	29 564	16 964	12 600	36	459 522	
BOW ISLAND O	491	0.80	0.05	373	289	84	37	3 107	1 333
UPPER MANNVILLE DDD	425	0.85	0.05	343	78	265	37	9 805	616
UPPER MANNVILLE LLL	611	0.85	0.10	467	361	106	36	3 827	323
OTHER	8 108			5 412	1 276	4 136		151 024	
TOTAL-ALDERSON	53 235			36 159	18 968	17 191		627 285	
ALEXANDER 056-27W4									
BASAL QUARTZ A	4 453	0.94	0.03	4 060	3 934	126	39	4 859	4 698
OTHER	823			533	108	425		16 337	
TOTAL-ALEXANDER	5 276			4 593	4 042	551		21 196	
ALEXIS 056-05W5									
BANFF A SOLN	387	0.65	0.40	151[b]			39		
BANFF A ASSOC	306	0.85	0.10	234[b]	188[b]	197	39	7 734	320
OTHER	312			211	5	206		7 885	
TOTAL-ALEXIS	1 005			596	193	403		15 619	
ALGAR (SA) 078-15W4									
TOTAL-ALGAR	9			5		5		187	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.88		1950	1986	ESSO
10.10	0.201	0.65	6 850	24	0.877	0.58	866.0	1960	1990	CMG MATERIAL BALANCE
5.05	0.154	0.55	3 140	16	0.937	0.56	317.3	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.41	0.170	0.55	4 310	17	0.916	0.56	430.1	1904	1982	PART OF MED HAT POOL NO.1
0.61	0.139	0.60	4 450	19	0.916	0.56	440.0	1973	1987	PART OF MED HAT POOL NO.3
0.61	0.139	0.60	4 450	19	0.916	0.56	469.0	1973	1988	PART OF MED HAT POOL NO.4
1.57	0.216	0.60	5 690	27	0.904	0.56	608.6	1944	1987	PART OF 2WS POOL NO.1
								1904	1988	ESSO KANNGAZ TCPL CTYMEDH CWNGNUL DIRECT NCO POCO
2.88	0.277	0.65	6 560	25	0.881	0.58	736.8	1981	1989	SCEPTRE TCPL
5.19	0.166	0.65	10 820	32	0.819	0.63	981.9	1982	1990	TCPL
7.81	0.228	0.85	8 090	31	0.849	0.66	991.5	1972	1989	A&S PRODUCTION DECLINE
3.11	0.220	0.80	9 210	45	0.850	0.63	1 167.8	1954	1990	NORCEN PRODUCTION DECLINE
						0.65		1968	1987	PANALTA CONCURRENT PRODUCTION
9.34	0.131	0.65	11 410	52	0.831	0.65	1 358.1	1968	1987	PANALTA CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
ALIX 040-23W4									
TOTAL-ALIX	747			369	151	218		8 233	
ALKALI 024-05W4									
TOTAL-ALKALI	77			55		55		2 011	
ALLIANCE 040-13W4									
TOTAL-ALLIANCE	83			50	1	49		1 805	
ALPEN (SA) 063-19W4									
TOTAL-ALPEN	157			114		114		4 258	
ALSASK 027-01W4									
TOTAL-ALSASK	917			659	192	467		17 275	
ALSIKE 049-02W5									
TOTAL-ALSIKE	13			10		10		371	
ALTARIO 034-01W4									
TOTAL-ALTARIO	1 056			735	84	651		23 489	
AMADOU 073-20W4									
TOTAL-AMADOU	98			57		57		2 082	
AMBER 115-07W6									
TOTAL-AMBER	2 361			1 415	214	1 201		46 357	
AMELIA (SA) 010-27W4									
TOTAL-AMELIA	26			16		16		633	
AMIGO 119-07W6									
TOTAL-AMIGO	1 852			1 110	2	1 108		43 797	
ANATOLE 031-03W4									
TOTAL-ANATOLE	160			104	2	102		3 858	
ANGLING 060-02W4									
GRAND RAPIDS B		0.65	0.05				36		3 223
GRAND RAPIDS C		0.65	0.05				37		200
GRAND RAPIDS D		0.60	0.05				37		150
GRAND RAPIDS E		0.55	0.05				37		128
SPARKY A		0.65	0.05				37		200
GR RAP BCDE & SPKY A TOTAL	907	0.75	0.05	646	604	42	37	1 549	
OTHER	145			89	33	56		2 065	
TOTAL-ANGLING	1 052			735	637	98		3 614	
ANGLO 019-19W4									
TOTAL-ANGLO	297			211	47	164		5 818	
ANKERTON 044-15W4									
TOTAL-ANKERTON	569			364		364		13 324	
ANNE (SA) 003-21W4									
TOTAL-ANNE	81			58		58		1 895	
ANSELL 052-20W5									
CARDIUM A	346	0.20	0.10	62			41		400
CARDIUM B	126	0.60	0.15	65			42		200
CARDIUM C	73	0.60	0.10	40			40		200
CARDIUM FF	13 780	0.20	0.10	2 480			41		14 429
CARDIUM A,B,C & FF TOTAL	14 325	0.20	0.10	2 647	393	2 254	41	91 986	
VIKING A	389	0.65	0.10	228			39		714
CADOMIN B	693	0.65	0.10	405			38		1 019
VIKING A & CADOMIN B TOTAL	1 082	0.65	0.10	633	18	615	39	23 684	
BLUESKY A	584	0.75	0.10	394	4	390	40	15 655	774
CADOMIN A	511	0.85	0.10	391	4	387	40	15 391	646
CADOMIN C	532	0.85	0.05	429	5	424	39	16 714	673
OTHER	2 855			1 984	137	1 847		72 648	
TOTAL-ANSELL	19 889			6 478	561	5 917		236 078	
ANTE CREEK 065-24W5									
DUNVEGAN B	724	0.75	0.10	489	174	315	39	12 405	1 259

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.79	0.286	0.85	2 460	12	0.949	0.58	327.3	1981	1988	PRODUCTION DECLINE
1.00	0.320	0.60	2 500	13	0.947	0.56	326.5	1982	1988	PRODUCTION DECLINE
1.10	0.310	0.55	2 450	15	0.949	0.56	368.9	1981	1988	PRODUCTION DECLINE
1.60	0.280	0.60	2 290	14	0.952	0.56	309.7	1982	1988	PRODUCTION DECLINE
1.00	0.310	0.50	2 600	13	0.945	0.56	340.7	1982	1988	PRODUCTION DECLINE
								1981	1988	TRITON HUSKY RENENER
5.90	0.100	0.70	19 990	61	0.813	0.67	2 216.6	1981	1988	
4.70	0.090	0.75	19 770	77	0.812	0.74	2 147.8	1980	1988	
2.20	0.115	0.75	19 840	76	0.840	0.70	2 147.6	1986	1988	
5.37	0.119	0.75	20 010	74	0.823	0.72	2 178.2	1976	1990	
								1976	1990	A&S NRTHRGE DEKALB CHEL KANNGAZ HUSKY GULF PANALTA
2.00	0.139	0.80	29 270	87	0.945	0.65	2 712.1	1976	1987	
5.27	0.084	0.75	25 370	104	0.934	0.69	3 045.1	1976	1987	
								1976	1987	
4.33	0.094	0.75	32 000	103	0.979	0.67	2 991.9	1974	1989	NRTHRGE
4.73	0.091	0.75	28 560	83	0.932	0.65	3 112.8	1974	1987	
4.80	0.099	0.75	28 780	107	0.971	0.62	2 981.1	1980	1987	KANNGAZ TCPL PANALTA
1.64	0.164	0.60	10 410	46	0.821	0.66	1 292.2	1971	1990	PANALTA PROGAS MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
ANTE CREEK 065-24W5 (CONTINUED)									
PEACE RIVER A	608	0.80	0.05	462	151	311	39	12 232	1 706
BEAVERHILL LAKE SOLN	3 308	0.48	0.20	1 270	921	349	44	15 503	
OTHER	487			263	69	194		7 723	
TOTAL-ANTE CREEK	5 127			2 484	1 315	1 169		47 863	
ANTE CREEK NORTH 067-23W5									
TOTAL-ANTE CREEK NORTH	1 133			805	4	801		31 068	
ANTELOPE 030-01W4									
COLONY A	503	0.85	0.05	407	148	259	37	9 549	3 333
BANFF A	521	0.75	0.05	371	310	61	37	2 258	1 333
OTHER	1 258			844	95	749		27 408	
TOTAL-ANTELOPE	2 282			1 622	553	1 069		39 215	
ANTHONY (SA) 083-24W5									
TOTAL-ANTHONY	32			16		16		613	
ANTLER (SA) 048-24W5									
BL 31-048-23	839	0.90	0.10	680		680	37	25 310	150
TOTAL-ANTLER	839			680		680		25 310	
APETOWUN (SA) 052-22W5									
NIS 22-052-22	873	0.75	0.45	360		360	36	13 118	200
OTHER	184			124		124		4 671	
TOTAL-APETOWUN	1 057			484		484		17 789	
ARDENODE 026-25W4									
TOTAL-ARDENODE	106			70		70		2 603	
ARGUS (SA) 103-08W6									
TOTAL-ARGUS	53			32		32		1 159	
ARMADA 016-19W4									
TOTAL-ARMADA	1 389			964	279	685		25 550	
ARMISIE 052-25W4									
TOTAL-ARMISIE	272			124	30	94		3 823	
ARMITAGE 074-14W4									
TOTAL-ARMITAGE	367			205		205		7 508	
ARNESON 025-02W4									
TOTAL-ARNESON	472			331	56	275		10 183	
ARTLAND 044-02W4									
TOTAL-ARTLAND	292			198		198		7 216	
ARVILLA 058-27W4									
TOTAL-ARVILLA	290			186	19	167		6 305	
ASHMONT 060-11W4									
VIKING A	1 077	0.40	0.05	409		409	37	15 256	21 610
OTHER	995			634	256	378		14 170	
TOTAL-ASHMONT	2 072			1 043	256	787		29 426	
ASTOTIN 054-19W4									
TOTAL-ASTOTIN	472			289	110	179		6 578	
ATHABASCA 066-23W4									
GRAND RAPIDS B	620	0.80	0.05	471	296	175	38	6 704	2 155
OTHER	1 339			889	297	592		22 140	
TOTAL-ATHABASCA	1 959			1 360	593	767		28 844	
ATHABASCA EAST 066-22W4									
D-1 B	587	0.75	0.05	418	293	125	37	4 671	660
OTHER	1 710			1 122	667	455		17 050	
TOTAL-ATHABASCA EAST	2 297			1 540	960	580		21 721	
ATIM 054-26W4									
TOTAL-ATIM	304			207	42	165		6 161	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.24	0.195	0.65	12 130	54	0.840	0.62 0.86	1 665.7	1962 1962	1989 1990	TCPL
1.49 3.51	0.302 0.195	0.40 0.65	7 650 8 310	26 29	0.867 0.865	0.58 0.57	767.0 858.7	1957 1957	1989 1990	MIPL GULF PRODUCTION DECLINE
22.82	0.200	0.65	20 820	84	0.880	0.71	2 088.4	1977	1988	BER
57.69	0.040	0.65	35 300	109	0.903	0.80	4 121.8	1981	1982	PROGAS
1.03	0.231	0.50	3 890	15	0.917	0.58	418.9	1949	1988	MIPL PWGE TCPL ATCOR PANALTA SCEPTRE PART OF VIK POOL NO.6
3.41	0.333	0.65	3 640	17	0.916	0.60	491.9	1952	1981	AMOCO TCPL
8.77	0.176	0.75	3 720	30	0.935	0.56	605.8	1970	1988	TCPL PANALTA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
ATLEE-BUFFALO 021-08W4									
MILK RIVER A	8 270	0.70	0.05	5 500			36		70 290
MEDICINE HAT A	3 637	0.70	0.03	2 470			36		63 389
MEDICINE HAT C	22	0.50	0.03	11			36		1 053
MEDICINE HAT D	45	0.50	0.03	22			36		2 656
SECOND WHITE SPECKS A	65	0.75	0.05	47			36		1 073
SE ALTA GAS SYS (MU) TOTAL	12 039	0.70	0.05	8 050	3 669	4 381	36	159 775	
VIKING H	811	0.85	0.05	655	564	91	36	3 248	11 442
OTHER	5 502			3 634	640	2 994		108 479	
TOTAL-ATLEE-BUFFALO	18 352			12 339	4 873	7 466		271 502	
ATMORE 067-17W4									
MCMURRAY A	766	0.80	0.05	582	178	404	37	14 980	10 229
MCMURRAY B		0.70	0.05				37		3 734
NISKU A		0.70	0.05				37		1 883
NISKU A & MCMURRAY B TOTAL	1 774	0.70	0.05	1 180	938	242	37	8 944	
OTHER	2 345			1 419	628	791		29 335	
TOTAL-ATMORE	4 885			3 181	1 744	1 437		53 259	
AUBURNDALE 047-06W4									
TOTAL-AUBURNDALE	1 136			768	416	352		12 802	
BADGER 016-18W4									
TOTAL-BADGER	1 262			848	90	758		28 409	
BALSAM 082-10W6									
KISKATINAW A	945	0.85	0.05	763	334	429	37	16 053	1 086
OTHER	1 069			779	50	729		28 012	
TOTAL-BALSAM	2 014			1 542	384	1 158		44 065	
BANSHEE 050-22W5									
LED 14-050-22	957	0.85	0.45	447		447	37	16 593	200
OTHER						< 1		-	
TOTAL-BANSHEE	957			447		447		16 593	
BANTRY 016-13W4									
MILK RIVER A	8 993	0.70	0.05	5 980			36		78 738
MEDICINE HAT A	5 021	0.70	0.03	3 410			36		71 404
MEDICINE HAT C	1 886	0.50	0.03	915			36		43 059
MEDICINE HAT D	170	0.50	0.03	82			36		6 948
SECOND WHITE SPECKS A	2 499	0.75	0.05	1 780			36		34 379
SE ALTA GAS SYS(MU) TOTAL	18 569	0.70	0.05	12 167	8 333	3 834	36	139 826	
VIKING U	491	0.75	0.05	350			38		4 074
VIKING V	39	0.75	0.05	28			38		200
VIKING W	23	0.75	0.05	16			38		200
BASAL COLORADO C	182	0.75	0.05	130			36		1 328
VIKING T	7	0.75	0.05	5			38		200
VIK TUVW & BSL COLO C TOTAL	742	0.75	0.05	529	330	199	37	7 403	
MANNVILLE A ASSOC	265	0.90	0.10	215[b]			37		488
MANNVILLE A SOLN	2 960	0.25	0.50	370[b]			37		
MANNVILLE A ASSOC	271	0.90	0.10	220[b]			37		634
MANNVILLE A ASSOC	16	0.90	0.10	13[b]			37		48
MANNVILLE A ASSOC	262	0.90	0.10	212[b]			37		530
MANNVILLE A ASSOC	9	0.90	0.10	7[b]			37		32
MANNVILLE A ASSOC	28	0.90	0.10	23[b]			37		128
MANNVILLE A ASSOC	28	0.90	0.10	23[b]			37		64
MANNVILLE A ASSOC	2	0.90	0.10	2[b]			37		32
MANNVILLE A ASSOC	7	0.90	0.10	5[b]			37		32
MANNVILLE A ASSOC	36	0.90	0.10	29[b]			37		68
MANNVILLE A ASSOC	8	0.90	0.10	6[b]			37		28
MANNVILLE A ASSOC	12	0.90	0.10	10[b]			37		75
MANNVILLE A ASSOC	125	0.80	0.10	90[b]			37		150
MANNVILLE A TOTAL	4 029	0.40	0.25	1 225[b]	718[b]	507	37	18 840	
OTHER	5 408			3 579	1 740	1 839		68 195	
TOTAL-BANTRY	28 748			17 500	11 121	6 379		234 264	
BAPTISTE 067-22W4									
MANNVILLE C	26	0.70	0.05	17			38		100
MANNVILLE G	741	0.80	0.05	563			39		3 477
MANNVILLE N	22	0.70	0.05	14			38		200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.65	0.154	0.55	3 140	16	0.937	0.56	367.2	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.33	0.170	0.55	4 310	17	0.916	0.56	461.1	1904	1987	PART OF MED HAT POOL NO.1
0.53	0.139	0.60	4 450	19	0.916	0.56	529.3	1973	1987	PART OF MED HAT POOL NO.3
0.43	0.139	0.60	4 450	19	0.916	0.56	536.6	1973	1987	PART OF MED HAT POOL NO.4
0.78	0.216	0.60	5 690	27	0.904	0.56	649.0	1944	1987	PART OF 2WS POOL NO.1
								1904	1986	TCPL CWNGNUL NCO PANALTA PROGAS RENENER UNIGAS
1.29	0.238	0.60	6 830	27	0.885	0.59	785.8	1955	1982	TCPL RENENER UNIGAS MATERIAL BALANCE
1.84	0.257	0.60	2 630	25	0.951	0.57	510.2	1968	1987	TCPL PANALTA PROGAS
1.66	0.273	0.55	2 840	20	0.945	0.56	520.8	1960	1987	MATERIAL BALANCE
6.57	0.161	0.65	2 860	25	0.948	0.56	507.9	1967	1987	MATERIAL BALANCE
								1960	1985	
5.41	0.128	0.80	17 200	77	0.890	0.60	1 866.7	1974	1986	TCPL POCO
47.54	0.044	0.85	42 040	166	1.012	0.84	4 580.6	1977	1981	
4.51	0.154	0.55	3 140	16	0.937	0.56	353.7	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.63	0.170	0.55	4 310	17	0.916	0.56	443.6	1904	1987	PART OF MED HAT POOL NO.1
1.11	0.139	0.60	4 450	19	0.916	0.56	463.7	1973	1987	PART OF MED HAT POOL NO.3
0.62	0.139	0.60	4 450	19	0.916	0.56	492.3	1973	1987	PART OF MED HAT POOL NO.4
0.94	0.216	0.60	5 690	27	0.904	0.56	633.6	1944	1987	PART OF 2WS POOL NO.1
								1904	1986	POCO TCPL CWNGNUL NCO PANALTA
1.95	0.161	0.50	7 100	29	0.871	0.59	793.4	1973	1986	
2.47	0.140	0.70	7 380	27	0.863	0.59	814.3	1973	1988	
1.85	0.170	0.45	7 450	27	0.862	0.59	830.0	1973	1988	
1.13	0.200	0.65	8 550	30	0.859	0.61	881.9	1946	1986	
0.61	0.170	0.40	7 140	27	0.858	0.61	807.7	1973	1988	
								1946	1986	TCPL CWNGNUL NCO
2.32	0.254	0.70	10 780	30	0.768	0.71	977.6	1947	1989	GPP
						0.71		1947	1989	GPP
1.82	0.255	0.70	10 780	30	0.768	0.71	981.5	1947	1989	
1.37	0.260	0.70	10 780	30	0.768	0.71	989.2	1947	1985	
2.03	0.260	0.70	10 910	30	0.765	0.72	992.5	1947	1985	
1.22	0.260	0.70	10 780	30	0.768	0.72	997.3	1947	1985	ASSIGNED WELL 16-15-018-13W4M
0.91	0.260	0.70	10 780	30	0.768	0.72	993.5	1947	1985	ASSIGNED WELL 10-26-017-13W4M
1.80	0.260	0.70	10 780	30	0.768	0.72	990.7	1947	1985	ASSIGNED WELL 12-34-017-12W4M
0.30	0.260	0.70	10 780	30	0.768	0.72	989.2	1947	1985	ASSIGNED WELL 12-01-018-13W4M
0.90	0.260	0.70	10 780	30	0.768	0.72	989.3	1947	1985	ASSIGNED WELL 01-02-018-13W4M
2.06	0.270	0.70	10 960	30	0.766	0.71	994.6	1947	1985	
1.09	0.280	0.70	10 780	30	0.768	0.71	986.6	1947	1988	
1.00	0.170	0.70	10 780	30	0.767	0.72	985.1	1947	1990	
5.00	0.210	0.60	10 780	30	0.767	0.72	972.9	1947	1990	ASSIGNED WELL 02/10-15-017-12W4M
								1947	1990	TCPL GPP
3.05	0.350	0.65	3 610	24	0.932	0.55	528.9	1966	1988	
3.23	0.285	0.65	3 450	23	0.931	0.57	424.7	1966	1982	
1.67	0.270	0.65	3 560	17	0.927	0.55	453.0	1966	1979	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
BAPTISTE 067-22W4 (CONTINUED)									
MANNVILLE O	30	0.70	0.05	20			38		200
MANNVILLE P	51	0.70	0.05	34			38		200
MANNVILLE C,G,N,O&P TOTAL	870	0.80	0.05	648	273	375	38	14 423	
WABAMUN C	932	0.75	0.05	664	185	479	38	18 350	2 002
WABAMUN E	1 243	0.70	0.05	827	724	103	37	3 848	1 642
OTHER	1 330			882	317	565		21 231	
TOTAL-BAPTISTE	4 375			3 021	1 499	1 522		57 852	
BARE (SA) 003-03W4									
TOTAL-BARE	55			42		42		1 554	
BARK (SA) 121-07W6									
TOTAL-BARK	98			61		61		2 167	
BARRHEAD 058-04W5									
TOTAL-BARRHEAD	1 251			850		850		32 582	
BARTMAN 025-09W4									
TOTAL-BARTMAN	183			131	13	118		4 377	
BASELINE 061-14W5									
TOTAL-BASELINE	15			10		10		325	
BASHAW 042-22W4									
BELLY RIVER C	1 589	0.65	0.05	981			37		20 015
BELLY RIVER G	77	0.65	0.05	48			37		787
BELLY RIVER H	292	0.65	0.05	181			37		3 511
BELLY RIVER L	33	0.65	0.05	20			38		250
BELLY RIVER Q	25	0.65	0.05	15			37		250
BELLY RIVER M	343	0.70	0.05	228			37		761
B RIVER C,G,H,L,M&Q TOTAL	2 359	0.65	0.05	1 473	743	730	37	26 849	
D-3 A ASSOC	449	0.85	0.20	306[b]			36		1 176
D-3 A SOLN	261	0.65	0.15	145[b]			36		
D-3 A ASSOC	2	0.85	0.20	2[b]			36		13
D-3 A TOTAL	712	0.80	0.20	453[b]	317[b]	136	36	4 912	
OTHER	4 706			2 855	890	1 965		73 447	
TOTAL-BASHAW	7 777			4 781	1 950	2 831		105 208	
BASING 048-20W5									
TURNER VALLEY A	2 778	0.40	0.10	1 000	9	991	38	37 926	2 483
TV 048-21	1 563	0.40	0.10	563		563	38	21 141	1 710
OTHER	445			283	97	186		7 165	
TOTAL-BASING	4 786			1 846	106	1 740		66 232	
BASSANO 021-18W4									
MEDICINE HAT A	616	0.70	0.03	418			36		501
SE ALTA GAS SYS (MU) TOTAL	616	0.70	0.05	418	1	417	36	15 208	
BOW ISLAND G	540	0.75	0.05	385	81	304	36	10 959	2 625
OTHER	2 327			1 583	536	1 047		38 744	
TOTAL-BASSANO	3 483			2 386	618	1 768		64 911	
BATTLE 046-20W4									
TOTAL-BATTLE	133			78		78		2 884	
BATTLE SOUTH 045-20W4									
TOTAL-BATTLE SOUTH	380			237	68	169		6 404	
BAXTER LAKE 047-05W4									
MANNVILLE B	502	0.85	0.05	406	361	45	34	1 509	917
OTHER	609			375	180	195		6 818	
TOTAL-BAXTER LAKE	1 111			781	541	240		8 327	
BEAR CANYON 082-12W6									
TOTAL-BEAR CANYON	355			254		254		9 851	
BEATON 087-02W6									
TOTAL-BEATON	1 305			862	490	372		13 672	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.83	0.330	0.65	3 570	17	0.927	0.55	456.8	1966	1979	
2.75	0.330	0.75	3 570	17	0.927	0.55	464.1	1966	1979	
								1966	1982	TCPL
9.31	0.190	0.75	3 480	29	0.934	0.59	601.2	1976	1982	TCPL
5.27	0.163	0.75	3 520	29	0.936	0.57	585.1	1959	1987	TCPL PRODUCTION DECLINE
3.95	0.248	0.40	2 020	22	0.961	0.57	511.8	1977	1990	PART OF BR POOL NO.1
1.68	0.275	0.50	4 100	25	0.927	0.56	618.5	1980	1985	PART OF BR POOL NO.1
1.81	0.260	0.40	4 220	22	0.922	0.56	651.1	1978	1989	PART OF BR POOL NO.1
3.00	0.250	0.40	4 300	27	0.924	0.55	645.3	1981	1988	PART OF BR POOL NO.1
2.50	0.230	0.40	4 140	21	0.922	0.56	619.6	1981	1988	PART OF BR POOL NO.1
4.44	0.295	0.50	4 250	23	0.922	0.56	652.2	1982	1986	PART OF BR POOL NO.1 PRODUCTION DECLINE
								1977	1990	GULF A&S KANNGAZ DEKALB TCPL DEVNIC PANALTA SCEPTRE UNIGAS PART OF BR POOL NO.1
5.27	0.050	0.85	16 060	60	0.804	0.78	1 754.9	1951	1990	CONCURRENT PRODUCTION
						0.78		1951	1990	CONCURRENT PRODUCTION
2.00	0.050	0.85	16 060	60	0.804	0.78	1 732.8	1951	1990	
								1951	1990	DEKALB HUSKY TCPL CONCURRENT PRODUCTION
9.92	0.060	0.80	33 630	123	1.028	0.63	3 912.2	1975	1990	TOP/BASE TVD
9.51	0.050	0.80	32 000	119	1.019	0.63	3 802.2	1978	1986	TCPL PANALTA TOP/BASE TVD
1.66	0.170	0.55	4 310	17	0.916	0.56	710.4	1904	1987	PART OF MED HAT POOL NO.1
								1904	1983	TCPL KANNGAZ PANALTA
2.20	0.197	0.55	8 160	33	0.879	0.59	1 144.7	1988	1989	TCPL PROGAS
2.60	0.262	0.65	4 560	24	0.922	0.61	702.5	1975	1988	TCPL HUSKY PANALTA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
BEATTY LAKE (SA) 122-02W6									
TOTAL-BEATTY LAKE	171			111		111		4 146	
BEAUVALLON 053-10W4									
COLONY K	1 784	0.85	0.05	1 440	1 296	144	37	5 383	3 278
COLONY L	1 126	0.65	0.05	695	659	36	38	1 353	3 072
COLONY P	652	0.75	0.05	465	134	331	37	12 356	5 808
OTHER	2 934			1 958	727	1 231		45 487	
TOTAL-BEAUVALLON	6 496			4 558	2 816	1 742		64 579	
BEAVER CROSSING 062-01W4									
TOTAL-BEAVER CROSSING	115			63	35	28		1 009	
BEAVERHILL LAKE 052-19W4									
UPPER VIKING A		0.80	0.03				37		200
UPPER VIKING B		0.80	0.03				37		5 685
MIDDLE VIKING A		0.85	0.03				37		33 875
LOWER VIKING A		0.80	0.03				37		13 933
UVIK AB,MVIK A&LVIK A TOTAL	6 186	0.80	0.05	4 800	4 160	640	37	23 610	
OTHER	2 192			1 427	496	931		34 332	
TOTAL-BEAVERHILL LAKE	8 378			6 227	4 656	1 571		57 942	
BEAVERLODGE 072-10W6									
TOTAL-BEAVERLODGE	360			250		250		9 748	
BELLIS 059-15W4									
UPPER MANNVILLE B		0.80	0.05				38		1 347
UPPER MANNVILLE B		0.85	0.05				38		300
UPPER MANNVILLE B		0.80	0.05				38		100
UPPER MANNVILLE B		0.80	0.05				38		1 681
UPPER MANNVILLE B TOTAL	942	0.80	0.05	716	645	71	38	2 667	
UPPER MANNVILLE E		0.75	0.05				37		2 338
UPPER MANNVILLE F		0.75	0.05				38		1 531
UPPER MANNVILLE G		0.75	0.05				38		1 177
UPPER MANNVILLE H		0.75	0.05				38		200
U MANN E,F,G & H TOTAL	1 200	0.75	0.05	855	831	24	37	897	
NISKU C	560	0.65	0.05	346	280	66	37	2 451	1 946
OTHER	4 921			3 108	1 381	1 727		64 223	
TOTAL-BELLIS	7 623			5 025	3 137	1 888		70 238	
BELLOY 078-01W6									
CADOTTE A	588	0.80	0.05	447	89	358	37	13 407	3 033
DEBOLT B	494	0.80	0.10	356	139	217	39	8 500	890
OTHER	3 580			2 412	962	1 450		55 587	
TOTAL-BELLOY	4 662			3 215	1 190	2 025		77 494	
BELLSHILL LAKE 041-13W4									
BLAIRMORE ASSOC	143	0.70	0.20	80			38		228
BLAIRMORE SOLN	1 385	0.65	0.45	495			38		
BLAIRMORE ASSOC	4	0.70	0.20	2			38		29
BLAIRMORE ASSOC	12	0.70	0.20	6			38		34
BLAIRMORE ASSOC	8	0.70	0.20	5			38		30
BLAIRMORE ASSOC	72	0.70	0.20	40			38		139
BLAIRMORE TOTAL	1 624	0.65	0.40	628	189	439	38	16 515	
OTHER	750			466	118	348		12 150	
TOTAL-BELLSHILL LAKE	2 374			1 094	307	787		28 665	
BENJAMIN 028-07W5									
RUNDLE A	1 702	0.65	0.15	940	22	918	39	35 747	865
RUNDLE B	1 865	0.65	0.15	1 030	376	654	39	25 467	881
RUNDLE C	1 684	0.65	0.15	931	212	719	38	27 257	440
TOTAL-BENJAMIN	5 251			2 901	610	2 291		88 471	
BENTLEY 058-07W4									
TOTAL-BENTLEY	50			31		31		1 152	
BENTON 028-03W4									
TOTAL-BENTON	1 205			812	104	708		26 457	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.56	0.281	0.80	4 260	21	0.917	0.57	569.2	1973	1990	TCPL CWNGNUL PANALTA MATERIAL BALANCE
3.98	0.285	0.75	3 780	19	0.924	0.57	538.0	1976	1988	ESSO TCPL CWNGNUL KANNGAZ NCO PANALTA MATERIAL BALANCE
1.80	0.275	0.60	3 570	17	0.926	0.58	483.6	1972	1990	TCPL PANALTA OPINAC PROGAS
1.74	0.210	0.60	5 550	33	0.904	0.60	766.1	1917	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE ASSIGNED WELL 07-24-051-19W4M
0.91	0.186	0.60	4 800	26	0.909	0.60	765.4	1952	1984	PART OF VIK POOL NO.2 MATERIAL BALANCE
2.09	0.203	0.55	5 550	33	0.904	0.60	789.9	1917	1989	PART OF VIK POOL NO.2 MATERIAL BALANCE
1.21	0.215	0.60	5 550	33	0.904	0.60	785.0	1953	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
								1917	1982	TCPL CWNGNUL NCO OPINAC PART OF VIK POOL NO.2
1.49	0.257	0.60	4 070	22	0.919	0.59	493.5	1965	1990	MATERIAL BALANCE
1.53	0.263	0.60	4 070	22	0.918	0.59	476.4	1965	1990	MATERIAL BALANCE
2.70	0.276	0.60	4 080	25	0.921	0.59	524.1	1983	1990	MATERIAL BALANCE
1.22	0.270	0.55	4 070	22	0.918	0.59	513.4	1976	1990	MATERIAL BALANCE
								1965	1990	GULF TCPL
2.12	0.299	0.65	3 450	22	0.932	0.59	528.3	1963	1982	PRODUCTION DECLINE
1.51	0.307	0.50	3 700	20	0.925	0.57	539.6	1969	1983	PRODUCTION DECLINE
2.12	0.300	0.65	3 860	27	0.928	0.57	550.2	1969	1982	PRODUCTION DECLINE
2.78	0.300	0.55	4 070	20	0.917	0.58	568.9	1969	1982	PRODUCTION DECLINE
								1963	1985	TCPL
9.25	0.206	0.60	3 850	24	0.928	0.56	613.8	1976	1990	MATERIAL BALANCE
3.09	0.276	0.70	3 130	19	0.939	0.56	517.6	1951	1988	TCPL A&S
7.41	0.188	0.65	14 400	60	0.822	0.66	1 451.9	1951	1981	A&S MATERIAL BALANCE
4.18	0.275	0.75	6 510	30	0.839	0.78	903.1	1956	1989	
						0.78		1956	1989	
1.14	0.257	0.70	6 510	30	0.839	0.78	902.6	1956	1987	
2.32	0.262	0.80	6 510	30	0.839	0.78	900.1	1956	1987	
1.67	0.276	0.75	6 510	30	0.839	0.78	916.4	1956	1987	
3.66	0.279	0.70	6 510	30	0.839	0.78	939.7	1956	1987	
								1956	1987	TCPL KANNGAZ HUSKY
18.90	0.060	0.75	28 000	92	0.943	0.66	3 336.6	1969	1990	PANALTA PROGAS TOP/BASE TVD
23.40	0.053	0.75	27 400	92	0.938	0.66	3 266.5	1961	1984	PANALTA PROGAS TOP/BASE TVD
36.00	0.060	0.75	28 900	92	0.953	0.67	3 495.1	1978	1984	PANALTA PROGAS TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
BERLAND RIVER 059-23W5									
LEDUC A	3 852	0.90	0.25	2 600	1 239	1 361	38	51 364	280
TOTAL-BERLAND RIVER	3 852			2 600	1 239	1 361		51 364	
BERLAND RIVER WEST 058-25W5									
WAB 10-058-25	663	0.80	0.25	398		398	38	14 925	440
WAB 26-058-25	422	0.80	0.05	321		321	39	12 410	200
OTHER	100			68		68		2 738	
TOTAL-BERLAND RIVER WEST	1 185			787		787		30 073	
BERRY 027-12W4									
TOTAL-BERRY	3 114			2 189	618	1 571		58 929	
BERWYN (SA) 082-25W5									
TOTAL-BERWYN	31			22		22		819	
BESSIE 062-15W5									
TOTAL-BESSIE	37			25		25		982	
BEZANSON (SA) 071-03W6									
TOTAL-BEZANSON	265			184		184		7 264	
BIG ARROW 099-05W6									
TOTAL-BIG ARROW	99			63		63		2 385	
BIG BEND 066-27W4									
GRAND RAPIDS Q	601	0.90	0.05	514	500	14	38	528	554
MCMURRAY H	700	0.75	0.05	499	407	92	37	3 385	1 542
MCMURRAY B		0.65	0.05				38		1 271
MCMURRAY II		0.65	0.05				38		401
WABAMUN F		0.65	0.05				37		128
MCMURRAY B,II & WAB F TOTAL	585	0.65	0.05	361	307	54	38	2 028	
WABAMUN A	748	0.70	0.05	498	309	189	37	7 086	1 968
WABAMUN H	842	0.70	0.10	530	230	300	38	11 385	1 732
OTHER	9 716			6 126	2 913	3 213		120 603	
TOTAL-BIG BEND	13 192			8 528	4 666	3 862		145 015	
BIG COULEE 067-23W4									
TOTAL-BIG COULEE	961			619	217	402		15 176	
BIGHORN 043-17W5									
TOTAL-BIGHORN	455			321		321		12 273	
BIGORAY 051-08W5									
GLAUCONITIC I	1 834	0.65	0.06	1 120	92	1 028	39	40 339	3 715
PEKISKO A ASSOC	1 971	0.75	0.10	1 330[b]			40		5 047
PEKISKO A SOLN	335	0.60	0.10	181[b]			40		
PEKISKO A TOTAL	2 306	0.75	0.10	1 511[b]	1 221[b]	290	40	11 510	
NISKU F SOLN	457	0.76	0.10	312	132	180	39	7 040	
OTHER	5 113			2 813	294	2 519		99 154	
TOTAL-BIGORAY	9 710			5 756	1 739	4 017		158 043	
BIGSTONE 061-22W5									
DUNVEGAN A	5 149	0.65	0.05	3 180	902	2 278	40	92 213	5 268
D-3 A	13 810	0.42	0.30	4 060	3 965	95	37	3 481	2 331
OTHER	1 128			707		707		26 874	
TOTAL-BIGSTONE	20 087			7 947	4 867	3 080		122 568	
BILAWCHUK 080-09W6									
TOTAL-BILAWCHUK	569			405		405		14 428	
BILBO 065-08W6									
FALHER B	513	0.90	0.15	393	37	356	40	14 090	250
OTHER	3 068			2 069	163	1 906		73 681	
TOTAL-BILBO	3 581			2 462	200	2 262		87 771	
BINDLOSS 022-05W4									
MILK RIVER A	1 519	0.70	0.05	1 010			36		19 140
MEDICINE HAT A	549	0.70	0.03	372			36		22 725
MEDICINE HAT D	6	0.50	0.03	3			36		380
SE ALTA GAS SYS (MU) TOTAL	2 074	0.70	0.05	1 385	369	1 016	36	37 054	
VIKING A	10 774	0.90	0.01	9 600	8 048	1 552	36	56 493	18 120

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
65.60	0.074	0.90	36 450	121	1.015	0.68	3 762.7	1958	1990	TCPL MATERIAL BALANCE TOP/BASE TVD
21.87	0.036	0.80	33 090	127	0.984	0.72	3 724.1	1958	1973	TCPL BER
12.00	0.084	0.85	33 000	104	1.012	0.59	3 618.0	1980	1981	TCPL BER
3.36	0.255	0.60	4 620	21	0.910	0.56	600.6	1967	1990	TCPL PRODUCTION DECLINE
3.69	0.215	0.65	4 680	30	0.911	0.63	795.2	1967	1990	TCPL MATERIAL BALANCE
3.10	0.193	0.60	5 000	30	0.907	0.60	800.5	1968	1987	PRODUCTION DECLINE
1.74	0.247	0.70	5 000	29	0.905	0.60	799.7	1968	1989	PRODUCTION DECLINE
6.10	0.190	0.70	4 710	36	0.913	0.63	802.9	1976	1983	PRODUCTION DECLINE
								1968	1983	TCPL
7.20	0.151	0.70	4 990	37	0.916	0.60	814.2	1967	1990	TCPL PANALTA UNIGAS
7.62	0.164	0.85	4 520	32	0.921	0.59	755.1	1976	1988	TCPL HUSKY
5.26	0.121	0.55	13 510	58	0.823	0.66	1 830.5	1958	1990	DEVNIC A&S CANOXY PART OF GLAUC POOL NO.5
5.27	0.073	0.65	15 370	63	0.833	0.67	1 886.2	1962	1990	CONCURRENT PRODUCTION
						0.67		1962	1990	CONCURRENT PRODUCTION
								1962	1990	A&S NCO CONCURRENT PRODUCTION
						0.69		1977	1990	A&S
5.42	0.152	0.55	17 930	60	0.802	0.68	1 980.8	1959	1990	PSR A&S AMOCO PROGAS
17.47	0.080	0.85	32 650	116	0.972	0.71	3 382.5	1960	1986	A&S PRODUCTION DECLINE GAS CYCLING SCHEME
7.60	0.120	0.85	35 760	103	1.022	0.64	2 552.0	1982	1989	CHEL PANALTA DEEP CUT SL
3.13	0.154	0.55	3 140	16	0.937	0.56	330.0	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.56	0.170	0.55	4 310	17	0.916	0.56	433.3	1904	1987	PART OF MED HAT POOL NO.1
0.40	0.139	0.60	4 450	19	0.916	0.56	490.8	1973	1987	PART OF MED HAT POOL NO.4
								1904	1983	TCPL NCO PANALTA RENENER
3.43	0.305	0.60	6 830	27	0.881	0.59	676.4	1952	1984	TCPL MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
BINDLOSS 022-05W4 (CONTINUED)									
OTHER	916			647	164	483		17 205	
TOTAL-BINDLOSS	13 764			11 632	8 581	3 051		110 752	
BIRCH 050-11W4									
UPPER MANNVILLE R	471	0.80	0.05	358	181	177	36	6 445	807
CAMROSE B	896	0.90	0.05	766	621	145	37	5 410	4 603
OTHER	2 613			1 757	628	1 129		41 927	
TOTAL-BIRCH	3 980			2 881	1 430	1 451		53 782	
BISON LAKE 095-15W5									
TOTAL-BISON LAKE	196			124		124		4 587	
BISTCHO 122-04W6									
TOTAL-BISTCHO	193			132		132		4 849	
BITTERN LAKE 046-22W4									
GLAUCONITIC A	1 268	0.80	0.05	963	706	257	37	9 401	1 313
ELLERSLIE D	788	0.80	0.05	599	11	588	39	22 667	1 399
OTHER	3 685			2 368	524	1 844		69 092	
TOTAL-BITTERN LAKE	5 741			3 930	1 241	2 689		101 160	
BLACK 110-09W6									
TOTAL-BLACK	1 528			694	46	648		24 674	
BLACK BUTTE 001-08W4									
BASAL COLORADO A	322	0.80	0.05	245			37		1 016
BASAL COLORADO B	300	0.85	0.05	242			37		838
BASAL COLORADO A&B TOTAL	622	0.80	0.05	487	391	96	37	3 565	
SUNBURST-SWIFT A	469	0.80	0.04	360	323	37	38	1 407	824
SAWTOOTH A	900	0.82	0.05	701	630	71	37	2 652	1 660
RUNDLE A	1 105	0.80	0.10	796	444	352	37	13 105	1 230
OTHER	600			413	220	193		7 193	
TOTAL-BLACK BUTTE	3 696			2 757	2 008	749		27 922	
BLACK DIAMOND 020-02W5									
TOTAL-BLACK DIAMOND	300			41	41				
BLACKFOOT 022-23W4									
TOTAL-BLACKFOOT	666			445	168	277		10 118	
BLACKSTONE 045-16W5									
CARD SD 26-044-16	435	0.85	0.05	352		352	39	13 584	200
BEAVERHILL LAKE A	22 666	0.80	0.25	13 600	2 463	11 137	37	414 742	3 435
OTHER	395			261		261		10 759	
TOTAL-BLACKSTONE	23 496			14 213	2 463	11 750		439 085	
BLANSKY (SA) 001-02W4									
TOTAL-BLANSKY	64			48		48		1 749	
BLOOD 006-22W4									
BOW ISLAND A	1 020	0.80	0.05	775	369	406	36	14 799	2 056
OTHER	129			87	26	61		2 200	
TOTAL-BLOOD	1 149			862	395	467		16 999	
BLUEBERRY 082-07W6									
BELL 16-082-07	451	0.90	0.10	365		365	39	14 122	200
KISKATINAW A	1 139	0.80	0.05	865	537	328	38	12 480	200
OTHER	298			200		200		7 694	
TOTAL-BLUEBERRY	1 888			1 430	537	893		34 296	
BLUERIDGE 059-10W5									
JURASSIC B	2 632	0.76	0.10	1 800	1 342	458	40	18 091	3 943
JURASSIC F	748	0.60	0.10	404	293	111	39	4 307	400
PEKISKO A SOLN	79	0.60	0.10	42b			38		
PEKISKO A ASSOC	1 076	0.90	0.10	871b	473b	440	38	16 887	1 637
OTHER	1 273			828	71	757		29 269	
TOTAL-BLUERIDGE	5 808			3 945	2 179	1 766		68 554	
BOGGY LAKE (SA) 030-06W5									
TOTAL-BOGGY LAKE	53			36		36		1 377	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.22	0.286	0.75	5 040	28	0.914	0.58	658.2	1978	1984	TCPL
3.06	0.131	0.60	4 760	27	0.914	0.57	715.9	1961	1987	TCPL MATERIAL BALANCE
8.82	0.204	0.85	9 130	38	0.858	0.63	1 222.6	1956	1989	NORCEN NRTHSTR NCO PRODUCTION DECLINE
4.31	0.185	0.80	8 730	50	0.870	0.66	1 220.8	1975	1989	ICG CWNGNUL
4.00	0.195	0.55	6 300	24	0.885	0.58	771.6	1944	1987	PRODUCTION DECLINE
3.18	0.231	0.60	6 430	24	0.882	0.57	789.0	1944	1987	PRODUCTION DECLINE
								1944	1987	CMG
5.77	0.190	0.70	7 100	30	0.848	0.65	900.1	1944	1984	CMG PRODUCTION DECLINE
2.58	0.150	0.70	8 100	33	0.871	0.60	981.5	1944	1981	CMG PRODUCTION DECLINE
5.98	0.100	0.80	8 260	33	0.867	0.62	997.0	1944	1979	CMG MATERIAL BALANCE
16.50	0.123	0.55	21 740	81	0.896	0.63	2 777.8	1979	1980	
23.60	0.110	0.90	45 200	140	1.102	0.72	4 736.0	1979	1990	TCPL CNG HUSKY
10.33	0.157	0.75	3 400	32	0.937	0.63	1 018.4	1978	1989	PANALTA MATERIAL BALANCE
10.49	0.200	0.75	14 480	63	0.855	0.61	1 444.5	1973	1977	TCPL BER
9.87	0.130	0.70	15 380	64	0.846	0.65	1 582.0	1973	1989	TCPL MATERIAL BALANCE
4.11	0.191	0.65	12 450	65	0.853	0.65	1 719.7	1967	1989	TCPL PRODUCTION DECLINE
9.80	0.179	0.55	10 490	66	0.867	0.65	1 646.0	1970	1990	TCPL MATERIAL BALANCE
						0.65		1968	1988	TCPL CONCURRENT PRODUCTION, OIL DEPLETED
6.79	0.120	0.65	12 550	64	0.853	0.65	1 731.4	1968	1988	TCPL CONCURRENT PRODUCTION, OIL DEPLETED

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10⁶m³	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10⁶m³	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m³	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
BOHN (SA) 081-07W4									
TOTAL-BOHN	100			49		49		1 820	
BOLLOQUE 064-26W4									
LOWER MANNVILLE A	894	0.70	0.05	595	567	28	38	1 060	2 631
LOWER MANNVILLE B	558	0.80	0.05	424	124	300	38	11 307	1 161
OTHER	2 247			1 407	236	1 171		43 536	
TOTAL-BOLLOQUE	3 699			2 426	927	1 499		55 903	
BOLTAN (SA) 060-02W6									
TOTAL-BOLTAN	184			126		126		5 078	
BONANZA 081-12W6									
HALFWAY A	447	0.85	0.15	323	43	280	39	10 802	1 222
OTHER	1 418			687	24	663		24 844	
TOTAL-BONANZA	1 865			1 010	67	943		35 646	
BONDISS 064-15W4									
TOTAL-BONDISS	288			182	71	111		4 138	
BONNIE GLEN 047-27W4									
GLAUCONITIC A	1 326	0.70	0.10	835	598	237	39	9 331	3 865
D-3 A SOLN	17 625	0.80	0.35	9 165[b]			41		
D-3 A ASSOC	13 984	0.90	0.25	9 440[b]	6 305[b]	12 300	41	502 578	1 299
OTHER	1 238			826	362	464		18 438	
TOTAL-BONNIE GLEN	34 173			20 266	7 265	13 001		530 347	
BONNYVILLE 060-05W4									
TOTAL-BONNYVILLE	960			628	502	126		4 689	
BORDER 042-05W4									
TOTAL-BORDER	65			40		40		1 421	
BORRADAILE 051-05W4									
TOTAL-BORRADAILE	67			44		44		1 613	
BOTHA 098-05W6									
DEBOLT A	446	0.85	0.05	360		360	37	13 176	3 771
OTHER	207			135		135		5 005	
TOTAL-BOTHA	653			495		495		18 181	
BOTTREL 027-05W5									
TOTAL-BOTTREL	440			306	1	305		12 528	
BOUCHER 079-04W6									
TOTAL-BOUCHER	159			108		108		4 130	
BOUNDARY LAKE SOUTH 084-12W6									
TRIASSIC E ASSOC	124	0.80	0.10	89[b]			40		481
TRIASSIC E SOLN	1 289	0.45	0.10	522[b]			40		
TRIASSIC E ASSOC	81	0.80	0.10	59[b]			40		191
TRIASSIC E ASSOC	29	0.80	0.10	21[b]			40		100
TRIASSIC E TOTAL	1 523	0.50	0.10	691[b]	466[b]	225	40	9 054	
TRIASSIC G	1 104	0.80	0.10	795	611	184	40	7 272	2 052
KISKATINAW E	1 020	0.90	0.05	872	836	36	38	1 373	896
KISKATINAW H	1 169	0.95	0.10	1 000	892	108	39	4 187	200
KISKATINAW B		0.75	0.05				38		200
KISKATINAW G		0.80	0.05				38		200
KISKATINAW B & G TOTAL	533	0.80	0.05	405	395	10	38	382	
OTHER	2 462			1 578	194	1 384		53 079	
TOTAL-BOUNDARY LAKE SOUTH	7 811			5 341	3 394	1 947		75 347	
BOUVIER 070-24W4									
WABAMUN C	539	0.65	0.05	333	53	280	37	10 480	1 056
OTHER	473			287	106	181		6 797	
TOTAL-BOUVIER	1 012			620	159	461		17 277	
BOVINE (SA) 079-19W4									
TOTAL-BOVINE	16			8		8		298	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.20	0.228	0.65	5 450	29	0.900	0.58	868.6	1965	1983	TCPL RENENER MATERIAL BALANCE
3.77	0.289	0.80	5 380	33	0.907	0.58	863.9	1973	1980	TCPL
2.45	0.122	0.75	14 520	60	0.760	0.83	1 482.7	1973	1984	PANALTA
6.45	0.133	0.50	11 940	64	0.840	0.68	1 559.0	1954	1990	ESSO DIRECT POCO METHON SOQUIP KANNGAZ PANALTA SCEPTRE PART OF GLAUC POOL NO.3 PRODUCTION DECLINE
						0.79		1951	1990	ESSO VECTOR SOQUIP CONC PROD, GAS CYCLING, DP CT SL
66.08	0.102	0.95	16 820	80	0.806	0.79	2 043.1	1951	1990	ESSO VECTOR SOQUIP CONC PROD, GAS CYCLING, DP CT SL
3.23	0.174	0.40	5 220	35	0.916	0.58	767.5	1975	1982	AEC NONCOMMERCIAL OIL
1.30	0.160	0.90	12 550	49	0.802	0.66	1 321.9	1964	1989	GPP
						0.66		1964	1989	GPP
1.40	0.230	0.95	12 550	49	0.802	0.65	1 310.1	1964	1988	
2.00	0.130	0.80	12 550	49	0.802	0.66	1 341.0	1964	1990	ASSIGNED WELL 6-30-83-12W6M
								1964	1989	WCST ESSO GPP
3.07	0.150	0.70	11 140	60	0.841	0.65	1 308.2	1967	1990	ESSO PANALTA PRODUCTION DECLINE
5.07	0.143	0.80	16 060	77	0.885	0.59	1 894.5	1964	1990	ESSO WCST MATERIAL BALANCE
5.79	0.170	0.80	16 340	63	0.832	0.67	1 859.6	1964	1990	ESSO PRODUCTION DECLINE
2.44	0.170	0.80	16 230	60	0.862	0.59	1 845.0	1958	1990	PRODUCTION DECLINE
5.79	0.140	0.80	16 350	19	0.752	0.61	1 859.3	1958	1990	
								1958	1990	ESSO
9.04	0.209	0.75	3 590	30	0.935	0.58	650.4	1977	1982	TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
BOW ISLAND 011-11W4									
MILK RIVER A	101	0.70	0.05	67			36		2 112
MEDICINE HAT C	24	0.50	0.03	12			36		935
SECOND WHITE SPECKS A	1 165	0.75	0.05	830			36		17 119
SECOND WHITE SPECKS C	9	0.80	0.05	7			36		200
SE ALTA GAS SYS (MU) TOTAL	1 299	0.75	0.05	916	4	912	36	33 261	
BOW ISLAND	2 667	0.75	0.05	1 900	1 725	175	38	6 596	38 702
OTHER	706			516	32	484		17 341	
TOTAL-BOW ISLAND	4 672			3 332	1 761	1 571		57 198	
BOWDEN (SA) 033-29W4									
TOTAL-BOWDEN	51			30		30		1 183	
BOYER 103-22W5									
BLUESKY A	16 232	0.50	0.05	7 710			37		111 385
BLUESKY A	659	0.50	0.05	314			36		9 892
BLUESKY A	15	0.50	0.05	8			37		400
BLUESKY A	74	0.50	0.05	35			37		400
BLUESKY A	25	0.50	0.05	12			37		200
BLUESKY A	8	0.50	0.05	4			37		200
BLUESKY A	11	0.50	0.05	6			37		200
BLUESKY A	5	0.50	0.05	3			37		200
BLUESKY A	8	0.50	0.05	4			37		200
BLUESKY A	15	0.50	0.05	8			37		200
BLUESKY A	7	0.50	0.05	4			37		200
BLUESKY A	8	0.50	0.05	4			37		200
BLUESKY A	31	0.50	0.05	15			37		400
BLUESKY A	38	0.50	0.05	18			37		200
BLUESKY A	42	0.50	0.05	20			37		200
BLUESKY A	54	0.50	0.05	26			37		200
BLUESKY A	34	0.50	0.05	16			37		200
BLUESKY A	5	0.50	0.05	3			37		200
BLUESKY A	37	0.50	0.05	18			37		200
BLUESKY A	23	0.50	0.05	11			37		200
GETHING A	233	0.50	0.05	111			38		3 644
BLUESKY A & GETHING A TOTAL	17 564	0.50	0.05	8 350	3 048	5 302	37	197 659	
OTHER	413			248	128	120		4 439	
TOTAL-BOYER	17 977			8 598	3 176	5 422		202 098	
BRAEBURN 077-10W6									
BALDONNEL A	591	0.80	0.10	426	406	20	38	765	2 074
OTHER	845			291	104	187		7 207	
TOTAL-BRAEBURN	1 436			717	510	207		7 972	
BRANCH (SA) 002-20W4									
TOTAL-BRANCH	7			4		4		131	
BRANT 018-25W4									
TOTAL-BRANT	458			220	81	139		5 013	
BRAZEAU RIVER 045-13W5									
CARDIUM C SOLN	1 154	0.65	0.15	638	319	319	41	13 159	
LOWER MANNVILLE E	837	0.85	0.15	604			42		1 080
LOWER MANNVILLE G	176	0.80	0.15	120			42		150
L MANNVILLE E & G TOTAL	1 013	0.85	0.15	724	18	706	42	29 821	
ROCK CREEK D	995	0.90	0.25	672	197	475	41	19 456	1 152

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.88	0.154	0.55	3 140	16	0.937	0.56	198.1	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.65	0.139	0.60	4 450	19	0.916	0.56	379.2	1973	1987	PART OF MED HAT POOL NO.3
0.88	0.216	0.60	5 690	27	0.904	0.56	576.4	1944	1987	PART OF 2WS POOL NO.1
1.00	0.120	0.65	5 270	20	0.901	0.58	612.5	1980	1988	
								1910	1988	TCPL HUSKY PROGAS
1.19	0.183	0.50	5 330	27	0.893	0.61	645.0	1909	1987	ATCOR TCPL CWNGNUL NCO PWGE POCO PROGAS PRODUCTION DECLINE
6.60	0.210	0.40	2 550	18	0.948	0.57	315.5	1973	1990	PART OF BLSKY POOL NO.1
2.88	0.210	0.40	2 700	21	0.948	0.59	396.1	1973	1990	PART OF BLSKY POOL NO.1
1.95	0.217	0.40	2 160	15	0.955	0.57	228.6	1973	1990	PART OF BLSKY POOL NO.1
2.10	0.180	0.40	2 550	25	0.952	0.57	497.3	1973	1990	PART OF BLSKY POOL NO.1 PRODUCTION DECLINE
6.20	0.200	0.40	2 500	21	0.949	0.58	389.3	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 11-29-100-23W5M
1.50	0.240	0.40	2 550	15	0.946	0.57	224.5	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 11-07-104-20W5M
3.00	0.180	0.40	2 550	22	0.951	0.57	429.6	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 11-24-101-01W6M
0.90	0.250	0.40	2 550	15	0.946	0.57	228.2	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-14-104-20W5M
1.80	0.210	0.40	2 490	15	0.948	0.57	227.1	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 02/7-11-104-21W5M
3.30	0.210	0.40	2 550	15	0.946	0.57	228.2	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-07-105-20W5M
1.50	0.210	0.40	2 550	15	0.946	0.57	233.1	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-10-105-21W5M
1.50	0.220	0.50	2 360	15	0.950	0.57	224.8	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 07-20-104-20W5M
3.85	0.196	0.45	2 230	15	0.953	0.57	230.5	1973	1990	PART OF BLSKY POOL NO.1
8.20	0.210	0.40	2 640	16	0.945	0.57	266.9	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 11-09-106-23W5M
9.90	0.200	0.40	2 530	16	0.947	0.58	266.4	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 11-28-106-23W5M
8.90	0.190	0.50	3 040	16	0.937	0.57	273.3	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-13-106-24W5M
9.00	0.230	0.40	2 070	22	0.959	0.58	430.2	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-28-106-01W6M
1.20	0.210	0.40	2 550	15	0.946	0.57	226.2	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 07-31-104-20W5M
8.20	0.210	0.40	2 560	14	0.946	0.57	278.5	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-31-105-23W5M
5.40	0.200	0.40	2 550	17	0.948	0.57	289.7	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 07-15-106-24W5M
1.90	0.250	0.50	2 630	21	0.946	0.58	386.3	1976	1990	PART OF BLSKY POOL NO.1
								1973	1990	TCPL HUSKY PANALTA PART OF BLSKY POOL NO.1
2.45	0.118	0.70	14 820	70	0.873	0.63	1 726.1	1954	1988	WCST
						0.71		1973	1990	ESSO TCPL DEEP CUT SL
2.10	0.156	0.90	32 610	97	0.954	0.78	2 926.8	1975	1978	
1.80	0.250	0.90	34 080	79	0.953	0.84	2 963.6	1975	1988	
								1975	1989	ESSO TCPL
4.21	0.132	0.60	30 900	93	0.927	0.85	3 096.9	1973	1989	PCI CWNGNUL DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
BRAZEAU RIVER 045-13W5 (CONTINUED)									
ROCK CREEK E	571	0.90	0.15	437		437	41	17 900	200
RKCK 23-047-15	539	0.90	0.15	412		412	41	16 876	200
NORD 07-047-12	558	0.85	0.10	427		427	39	16 854	256
ELKTON-SHUNDA A		0.75	0.10				39		6 057
ELKTON-SHUNDA A		0.75	0.10				39		9 428
ELKTON - SHUNDA A		0.75	0.10				39		200
ELKTON - SHUNDA A		0.75	0.10				39		128
ELKTON-SHUNDA A TOTAL	13 037	0.75	0.10	8 800	6 293	2 507	39	97 673	
ELKTON-SHUNDA B		0.85	0.10				39		27 751
ELKTON-SHUNDA B		0.85	0.10				39		42 772
ELKTON-SHUNDA B		0.85	0.10				39		200
ELKTON-SHUNDA B		0.85	0.10				39		10 030
ELKTON-SHUNDA B		0.85	0.10				39		25 459
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		400
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		2 076
ELKTON-SHUNDA B TOTAL	36 601	0.85	0.10	28 000	20 290	7 710	39	299 919	
NISKU A SOLN	943	0.75	0.35	460[b]			41		
NISKU A ASSOC		0.85	0.10		-465[b]	925	41	37 888	
NISKU E SOLN	814	0.65	0.35	344[b]			41		
NISKU E ASSOC		0.85	0.10		-109[b]	453	41	18 750	
NISKU F	992	0.80	0.30	556	-121	677	42	28 387	104
NISKU J	707	c	c	481	-14	495	41[a]	20 300	96
NISKU K	938	c	c	496	57	439	41[a]	18 003	255
NISKU M	1 489	c	c	823	-1	824	41[a]	34 081	150
NISKU P	9 408	c	c	3 730	-261	3 991	40[a]	159 640	3 761
NISKU S	1 665	c	c	756	128	628	41[a]	25 987	251
NISKU W	1 895	c	c	1 200	309	891	41[a]	36 647	215
NIS 36-047-15	976	0.90	0.30	615		615	41	25 147	200
OTHER	11 307			6 528	691	5 837		235 311	
TOTAL-BRAZEAU RIVER	85 602			56 099	27 331	28 768		1 151 799	
BREMNER 078-04W6									
TOTAL-BREMNER	31			22		22		824	
BRIDGE 057-07W5									
TOTAL-BRIDGE	196			132	48	84		3 306	
BRIGHT 051-02W5									
TOTAL-BRIGHT	203			143		143		5 672	
BRIKER 046-03W4									
TOTAL-BRIKER	86			61		61		2 164	
BRINTNELL (SA) 081-23W4									
TOTAL-BRINTNELL	41			24		24		885	

10 AVERAGE PAY THICKNESS (m)	11 POROSITY (frac)	12 GAS SATN (frac)	13 INITIAL PRESSURE (kPa)	14 TEMP (°C)	15 COMPRESS (frac)	16 RAW GAS RELATIVE DENSITY (frac)	17 MEAN FORMATION DEPTH (m)	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
12.50	0.100	0.90	30 190	95	0.920	0.85	3 162.9	1989	1990	KANNGAZ
7.50	0.150	0.90	32 660	94	0.951	0.85	3 139.0	1978	1990	
28.60	0.050	0.90	20 630	113	0.898	0.73	2 742.0	1979	1982	
5.62	0.095	0.85	26 580	99	0.939	0.68	2 942.6	1965	1985	MATERIAL BALANCE
3.85	0.070	0.85	26 580	99	0.942	0.66	2 925.7	1965	1986	MATERIAL BALANCE
2.62	0.050	0.80	26 580	99	0.943	0.67	2 905.5	1965	1965	MATERIAL BALANCE ASSIGNED WELL 10-02-045-12W5M
1.24	0.050	0.90	26 580	99	0.943	0.67	2 807.6	1965	1990	MATERIAL BALANCE ASSIGNED WELL 11-28-044-11W5M
								1965	1984	A&S TCPL PROGAS
3.91	0.100	0.80	26 800	95	0.940	0.67	3 021.8	1959	1985	MATERIAL BALANCE
2.72	0.075	0.75	26 800	95	0.937	0.68	2 948.1	1959	1989	MATERIAL BALANCE
1.51	0.044	0.75	26 800	95	0.937	0.69	3 057.1	1959	1989	MATERIAL BALANCE
0.53	0.064	0.60	26 800	95	0.938	0.67	2 854.0	1959	1985	MATERIAL BALANCE
1.44	0.075	0.75	26 800	95	0.938	0.68	2 879.4	1959	1985	MATERIAL BALANCE ASSIGNED WELL 11-11-046-14W5M
0.30	0.030	0.80	26 800	95	0.939	0.68	3 150.3	1959	1990	MATERIAL BALANCE ASSIGNED WELL 11-11-046-14W5M
1.20	0.050	0.75	29 110	92	0.954	0.68	3 044.4	1959	1990	MATERIAL BALANCE ASSIGNED WELL 10-20-045-13W5M
0.60	0.090	0.85	26 800	95	0.939	0.68	3 194.3	1959	1990	MATERIAL BALANCE ASSIGNED WELL 06-02-047-14W5M
0.70	0.040	0.60	26 800	95	0.939	0.68	2 869.7	1959	1990	MATERIAL BALANCE ASSIGNED WELL 07-15-047-13W5M
4.00	0.060	0.65	26 800	95	0.939	0.68	3 140.8	1959	1990	MATERIAL BALANCE ASSIGNED WELL 10-01-046-14W5M
0.90	0.080	0.75	26 800	95	0.939	0.68	2 669.0	1959	1990	MATERIAL BALANCE ASSIGNED WELL 06-06-045-13W5M
0.69	0.065	0.80	26 800	95	0.939	0.68	2 808.8	1959	1985	MATERIAL BALANCE
1.30	0.060	0.80	26 800	95	0.939	0.68	3 154.7	1959	1990	MATERIAL BALANCE ASSIGNED WELL 11-11-046-14W5M
1.00	0.060	0.80	26 800	95	0.939	0.68	3 079.8	1959	1990	MATERIAL BALANCE ASSIGNED WELL 10-06-046-13W5M
2.00	0.050	0.80	26 800	95	0.939	0.68	3 106.9	1959	1990	MATERIAL BALANCE ASSIGNED WELL 11-08-047-13W5M
2.46	0.050	0.85	26 800	95	0.939	0.68	3 284.2	1959	1990	MATERIAL BALANCE ASSIGNED WELL 07-13-047-15W5M
1.30	0.050	0.60	26 800	95	0.939	0.68	2 636.4	1959	1990	MATERIAL BALANCE ASSIGNED WELL 05-33-047-12W5M
1.95	0.078	0.75	26 800	95	0.937	0.68	3 062.5	1959	1985	MATERIAL BALANCE
								1959	1985	ESSO TCPL A&S KANNGAZ PCI PROGAS TRIL
						0.75		1977	1988	A&S PCI PROGAS LEAN GAS BREAKTHROUGH
						0.75		1977	1988	A&S PCI PROGAS LEAN GAS BREAKTHROUGH
						0.75		1978	1988	A&S ESSO PCI LEAN GAS BREAKTHROUGH
						0.75		1978	1988	A&S ESSO PCI LEAN GAS BREAKTHROUGH
28.61	0.096	0.90	46 300	107	1.203	1.19	3 355.1	1978	1988	ESSO TCPL PCI MATERIAL BALANCE GAS CYCLING SCHEME
21.80	0.124	0.90	38 390	108	1.053	1.21	3 361.5	1979	1984	TCPL GAS CYCLING SCHEME
26.07	0.054	0.85	70 730	117	1.678	0.70	3 844.4	1978	1986	TCPL PCI GAS CYCLING SCHEME
29.76	0.100	0.85	50 590	104	1.259	0.79	3 271.8	1979	1987	TCPL PCI GAS CYCLING SCHEME
16.23	0.063	0.85	35 780	99	0.935	1.20	3 117.5	1977	1987	ESSO TCPL A&S PCI GAS CYCLING SCHEME
24.30	0.102	0.90	37 880	110	1.035	1.08	3 752.6	1979	1989	TCPL GAS CYCLING SCHEME
13.92	0.066	0.90	37 050	113	0.989	1.06	3 727.8	1987	1990	ESSO TCPL GAS CYCLING, TOP/BASE TVD
24.80	0.070	0.85	54 510	114	1.211	0.92	3 669.8	1980	1989	ESSO PCI

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
BRITTS (SA) 096-17W5									
TOTAL-BRITTS	16			10		10		375	
BRONSON 057-17W5									
TOTAL-BRONSON	561			383		383		14 912	
BROOKS 018-14W4									
MILK RIVER A	444	0.70	0.05	295			37		3 498
MEDICINE HAT A	64	0.70	0.03	44			36		2 313
MEDICINE HAT C	54	0.50	0.03	26			36		1 487
MEDICINE HAT D	8	0.50	0.03	4			36		344
SE ALTA GAS SYS (MU) TOTAL	570	0.70	0.05	369	270	99	37	3 655	
TOTAL-BROOKS	570			369	270	99		3 655	
BROWN CREEK (SA) 044-17W5									
TV 044-17	398	0.85	0.05	321		321	38	12 208	890
OTHER	240			162		162		6 323	
TOTAL-BROWN CREEK	638			483		483		18 531	
BROWNVALE 081-26W5									
TOTAL-BROWNVALE	142			87		87		3 221	
BROXBURN 009-21W4									
TOTAL-BROXBURN	50			29	26	3		103	
BRUCE 047-16W4									
BELLY RIVER J	654	0.85	0.05	528	378	150	37	5 543	3 392
UPPER VIKING A		0.75	0.03				36		83 844
MIDDLE VIKING A		0.75	0.03				37		8 378
MIDDLE VIKING B	385	0.55	0.03	206			36		15 454
UPPER VIKING F		0.60	0.05				38		200
UPPER MANNVILLE Z	337	0.65	0.05	208			38		670
U VIK A&F & M VIK A&B TOTAL	5 375	0.75	0.05	3 910	2 637	1 273	37	47 152	
UPPER MANNVILLE ZZZ	455	0.70	0.05	303	227	76	37	2 782	490
UPPER MANNVILLE A2A	523	0.65	0.05	323	282	41	38	1 541	656
OTHER	11 078			7 147	2 707	4 440		164 747	
TOTAL-BRUCE	18 085			12 211	6 231	5 980		221 765	
BUFFALO LAKE 039-21W4									
TOTAL-BUFFALO LAKE	443			189	56	133		5 227	
BUICK 090-02W6									
TOTAL-BUICK	76			50		50		1 846	
BURDETT 009-10W4									
TOTAL-BURDETT	175			124	7	117		4 330	
BURNT TIMBER 031-09W5									
RUNDLE A	19 531	0.80	0.20	12 500			39		4 454
RUNDLE B	2 484	0.80	0.20	1 590			39		2 204
RUNDLE A & B TOTAL	22 015	0.80	0.20	14 090	9 479	4 611	39	179 506	
WABAMUN A	4 720	0.75	0.50	1 770	996	774	38	29 404	2 992
TOTAL-BURNT TIMBER	26 735			15 860	10 475	5 385		208 910	
BYEMOOR 034-19W4									
TOTAL-BYEMOOR	257			167	3	164		6 062	
CACHE 058-12W4									
VIKING A	2 347	0.40	0.05	892	30	862	37	31 972	34 666
COLONY D	646	0.80	0.05	491	167	324	38	12 166	2 132
COLONY G	471	0.80	0.05	358	277	81	37	3 035	593
COLONY P	415	0.80	0.05	315	101	214	37	7 929	1 081
COLONY B		0.75	0.05				35		1 530
COLONY C		0.75	0.05				35		1 221
COLONY S		0.75	0.05				38		200
COLONY B,C & S TOTAL	541	0.75	0.05	386	331	55	36	1 973	
COLONY BB	71	0.65	0.05	44			38		745
COLONY EE	112	0.70	0.05	74			38		1 262
COLONY HH	328	0.80	0.05	249			38		2 608

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.01	0.154	0.55	3 140	16	0.935	0.57	368.5	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.64	0.170	0.55	4 310	17	0.916	0.56	461.1	1904	1989	PART OF MED HAT POOL NO.1
0.92	0.139	0.60	4 450	19	0.916	0.56	487.1	1973	1987	PART OF MED HAT POOL NO.3
0.59	0.139	0.60	4 450	19	0.916	0.56	497.8	1973	1987	PART OF MED HAT POOL NO.4
								1904	1987	TCPL CWNGNUL PANALTA
4.15	0.057	0.80	30 800	101	0.990	0.61	3 364.5	1960	1989	GULF BER
3.14	0.284	0.60	2 740	20	0.947	0.56	371.6	1970	1990	TCPL A&S KANNGAZ NCO PART OF BR POOL NO.2 PRODUCTION DECLINE
1.19	0.204	0.65	5 650	26	0.895	0.61	794.2	1917	1989	PART OF VIK POOL NO.2 MATERIAL BALANCE
2.19	0.201	0.65	5 650	26	0.895	0.59	813.7	1917	1985	PART OF VIK POOL NO.2 MATERIAL BALANCE
1.15	0.220	0.55	5 650	27	0.898	0.60	745.9	1952	1985	PART OF VIK POOL NO.2 PRODUCTION DECLINE
1.24	0.230	0.55	3 960	25	0.921	0.59	735.5	1976	1976	PART OF VIK POOL NO.2 MATERIAL BALANCE
2.43	0.258	0.75	6 070	27	0.887	0.59	873.4	1975	1988	PART OF VIK POOL NO.2 PRODUCTION DECLINE
								1917	1988	RENENER TCPL A&S KANNGAZ CWNGNUL CANOXY NCO PANALTA PROGAS PART OF VIK POOL NO.2
1.44	0.241	0.65	6 170	29	0.891	0.60	884.4	1977	1986	TCPL MATERIAL BALANCE
3.54	0.266	0.75	6 140	28	0.889	0.58	873.1	1976	1987	TCPL PRODUCTION DECLINE
31.61	0.067	0.90	26 610	94	0.916	0.71	3 210.9	1959	1990	TOP/BASE TVD
9.27	0.069	0.80	25 860	100	0.895	0.75	3 339.5	1959	1988	TOP/BASE TVD
								1959	1988	TCPL
13.39	0.055	0.80	31 720	116	0.867	0.88	3 748.7	1976	1989	TCPL MATERIAL BALANCE TOP/BASE TVD
1.04	0.282	0.55	4 000	21	0.922	0.57	442.9	1949	1988	MIPL TCPL HUSKY NCO PANALTA SCEPTRE PART OF VIK POOL NO.6
5.12	0.259	0.60	3 650	21	0.927	0.57	478.7	1952	1977	MIPL TCPL CWNGNUL HUSKY PANALTA SLUSH OIL
2.99	0.280	0.70	3 390	22	0.934	0.57	499.4	1965	1985	MIPL TCPL MATERIAL BALANCE
4.86	0.286	0.75	3 520	19	0.932	0.56	498.3	1977	1981	MIPL TCPL NCO PANALTA
1.30	0.277	0.70	3 790	19	0.928	0.59	484.1	1971	1989	MATERIAL BALANCE
1.62	0.298	0.65	3 850	21	0.929	0.59	488.5	1971	1989	MATERIAL BALANCE
1.82	0.250	0.60	3 910	18	0.921	0.56	489.8	1971	1989	MATERIAL BALANCE
								1971	1989	TCPL PANALTA
1.46	0.272	0.70	3 320	21	0.934	0.57	480.4	1977	1981	
1.33	0.269	0.60	3 920	21	0.920	0.58	486.3	1973	1982	
1.66	0.292	0.65	3 800	21	0.922	0.58	481.3	1971	1981	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
CACHE 058-12W4 (CONTINUED)									
COLONY BB, EE & HH TOTAL	511	0.75	0.05	367	241	126	38	4 772	
COLONY DD		0.75	0.05				37		880
COLONY FF		0.75	0.05				38		750
COLONY DD & FF TOTAL	486	0.75	0.05	346	282	64	38	2 406	
COLONY E	329	0.75	0.05	235			38		2 744
COLONY RR	9	0.70	0.05	6			38		150
COLONY F	103	0.70	0.05	68			37		903
COLONY E,F & RR TOTAL	441	0.75	0.05	309	139	170	38	6 377	
CLEARWATER B	1 247	0.70	0.05	829	815	14	37	519	3 843
OTHER	5 374			3 607	1 774	1 833		68 402	
TOTAL-CACHE	12 479			7 900	4 157	3 743		139 551	
CADOTTE 086-19W5									
TOTAL-CADOTTE	481			332	176	156		5 743	
CALAIS 070-25W5									
TOTAL-CALAIS	411			259	48	211		7 709	
CALLING LAKE 071-18W4									
D-2 B	3 158	0.67	0.05	2 010	1 691	319	37	11 774	7 421
D-2 C	610	0.80	0.05	464	48	416	37	15 321	3 867
OTHER	622			401	94	307		11 403	
TOTAL-CALLING LAKE	4 390			2 875	1 833	1 042		38 498	
CALLING LAKE SOUTH 070-22W4									
TOTAL-CALLING LAKE SOUTH	560			347	66	281		10 419	
CALLING LAKE WEST 071-20W4									
UPPER MANNVILLE A	538	0.70	0.05	358	217	141	38	5 295	3 361
OTHER	903			567	147	420		15 533	
TOTAL-CALLING LAKE WEST	1 441			925	364	561		20 828	
CAMPBELL-NAMAO 054-25W4									
NAMAO BLAIRMORE E SOLN	121	0.65	0.10	71[b]			38		
NAMAO BLAIRMORE E ASSOC	848	0.90	0.10	687[b]	490[b]	268	38	10 297	704
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				38		161
CAMPBELL BLAIRMORE A SOLN	117	0.65	0.10	68[b]			38		
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				38		335
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				39		49
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				39		207
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				39		80
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				36		50
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				36		79
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				38		36
CAMPBELL BLAIRMORE A ASSOC		0.80	0.10				38		34
CAMBELL BLAIRMORE A ASSOC		0.80	0.10				36		52
CAMPBELL BLAIRMORE A TOTAL	1 312	0.80	0.10	928[b]	715[b]	213	38	8 077	
BLAIRMORE J ASSOC		0.65	0.10				38		383
BLAIRMORE J SOLN	48	0.65	0.25	23[b]			38		
BLAIRMORE J ASSOC		0.65	0.10				38		64
BLAIRMORE J TOTAL	908	0.65	0.10	526[b]	321[b]	205	38	7 794	
OTHER	899			553	268	285		10 881	
TOTAL-CAMPBELL-NAMAO	4 088			2 765	1 794	971		37 049	
CANAL 070-23W4									
WABAMUN B	524	0.85	0.05	423	33	390	37	14 407	1 896
OTHER	137			88		88		3 285	
TOTAL-CANAL	661			511	33	478		17 692	
CANARD 057-09W4									
TOTAL-CANARD	2 019			1 222	485	737		27 431	
CAPRON 026-02W4									
TOTAL-CAPRON	1 074			753	23	730		27 262	
CARBON 029-22W4									
VIKING D	2 021	0.77	0.10	1 400	1 304	96	39	3 784	7 108
GLAUCONITIC		0.80	0.01				39		6 453
GLAUCONITIC		0.80	0.01				39		5 228
GLAUCONITIC TOTAL	5 101	0.80	0.05	4 040	1 735	2 305	39	89 734	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1971	1982	MIPL TCPL PANALTA
1.33	0.290	0.60	4 220	21	0.918	0.57	483.0	1958	1985	MATERIAL BALANCE
1.42	0.295	0.70	4 270	21	0.913	0.58	477.0	1958	1981	MATERIAL BALANCE
								1958	1982	MIPL
1.54	0.305	0.70	3 510	21	0.931	0.57	492.6	1973	1986	
1.50	0.230	0.50	3 370	27	0.938	0.57	509.6	1978	1986	
1.75	0.272	0.65	3 570	22	0.932	0.56	484.2	1973	1986	
								1973	1986	MIPL PANALTA
2.33	0.313	0.65	3 850	21	0.927	0.56	573.1	1973	1986	MIPL TCPL PANALTA PRODUCTION DECLINE
9.40	0.119	0.70	2 450	19	0.951	0.57	464.7	1964	1990	MATERIAL BALANCE
7.77	0.120	0.65	2 520	17	0.949	0.57	473.2	1978	1986	BVI KANNGAZ TCPL HUSKY PANALTA
3.20	0.317	0.55	2 790	20	0.944	0.57	425.5	1970	1977	HUSKY PANALTA
						0.65		1951	1982	TCPL NORCEN GPP
9.11	0.192	0.80	8 380	46	0.868	0.65	1 103.9	1951	1982	TCPL NORCEN GPP
1.67	0.185	0.60	8 200	38	0.844	0.66	1 116.7	1949	1985	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.66		1949	1985	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.65	0.150	0.50	8 200	38	0.844	0.66	1 120.4	1949	1986	PRODUCTION DECLINE
2.86	0.200	0.50	8 020	36	0.816	0.70	1 128.2	1949	1986	PRODUCTION DECLINE
3.41	0.200	0.50	7 350	36	0.829	0.70	1 128.6	1949	1986	PRODUCTION DECLINE
2.06	0.203	0.55	8 020	36	0.816	0.70	1 125.3	1949	1986	PRODUCTION DECLINE
1.46	0.200	0.50	7 060	36	0.867	0.67	1 131.9	1949	1986	PRODUCTION DECLINE
1.09	0.200	0.50	8 370	37	0.849	0.67	1 132.4	1949	1986	PRODUCTION DECLINE
1.81	0.190	0.50	8 370	37	0.840	0.66	1 137.0	1949	1986	PRODUCTION DECLINE
1.76	0.190	0.50	8 370	37	0.840	0.66	1 137.1	1949	1986	PRODUCTION DECLINE
2.29	0.200	0.55	8 370	37	0.849	0.67	1 131.2	1949	1988	PRODUCTION DECLINE
								1949	1986	DEVNIC TCPL NORCEN CONCURRENT PRODUCTION
5.50	0.225	0.75	7 950	36	0.865	0.64	1 135.1	1976	1988	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.64		1976	1988	PRODUCTION DECLINE CONCURRENT PRODUCTION
4.00	0.220	0.70	7 970	36	0.865	0.64	1 137.7	1976	1988	PRODUCTION DECLINE ASSIGNED WELL
										05-12-054-25W4M
								1976	1988	TCPL NORCEN CONCURRENT PRODUCTION
5.42	0.215	0.80	2 970	29	0.944	0.61	597.2	1972	1981	TCPL
2.02	0.149	0.65	8 180	41	0.839	0.66	1 299.2	1959	1985	TCPL A&S CWNGNUL PANALTA PART OF VIK POOL
										NO.3 PRODUCTION DECLINE
4.07	0.202	0.65	10 170	50	0.834	0.66	1 442.6	1955	1990	MATERIAL BALANCE
5.24	0.189	0.60	10 170	50	0.834	0.66	1 448.0	1955	1990	MATERIAL BALANCE
								1955	1989	TCPL CWNGNUL KANNGAZ OPINAC

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CARBON 029-22W4 (CONTINUED)									
OTHER	2 894			1 864	794	1 070		40 981	
TOTAL-CARBON	10 016			7 304	3 833	3 471		134 499	
CARDIFF 054-02W5									
ELLERSLIE A	700	0.90	0.10	567	517	50	39	1 962	1 232
OTHER	409			277	2	275		10 641	
TOTAL-CARDIFF	1 109			844	519	325		12 603	
CARIBOU 062-10W5									
TOTAL-CARIBOU	230			163	21	142		5 376	
CAROLINE 035-06W5									
CARDIUM E SOLN	6 346	0.26	0.15	1 403	866	537	42	22 382	
CARDIUM M	963	0.90	0.10	780			41		1 137
CARDIUM N	88	0.80	0.15	60			41		400
CARDIUN M & N TOTAL	1 051	0.90	0.10	840	169	671	41	27 377	
VIKING A SOLN	872	0.65	0.15	482b			40		
VIKING A ASSOC	4 589	0.92	0.10	3 800b	3 275b	1 007	40	39 928	17 250
GLC SS 033-05	444	0.75	0.10	300		300	41	12 246	729
GLAUCONITIC C	459	0.85	0.05	371			40		1 094
BASAL MANNVILLE K	850	0.75	0.10	574			41		2 459
BASAL MANNVILLE R	197	0.80	0.10	142			41		822
BASAL MANNVILLE GG	2 855	0.65	0.10	1 670			40		5 312
BASAL MANNVILLE QQ	482	0.75	0.10	326			41		2 142
BASAL MANNVILLE RR	109	0.75	0.10	74			40		961
BASAL MANNVILLE KKK	29	0.75	0.10	20			41		150
BASAL MANNVILLE LLL	42	0.75	0.10	29			41		150
BASAL MANNVILLE MMM	73	0.75	0.10	50			41		150
BASAL MANNVILLE M2M	49	0.75	0.10	33			41		150
BASAL MANNVILLE N2N	96	0.75	0.10	65			41		150
BASAL MANNVILLE O2O	26	0.75	0.10	18			41		150
BASAL MANNVILLE P2P	49	0.75	0.10	33			41		150
BASAL MANNVILLE Q2Q	29	0.75	0.10	20			41		150
BASAL MANNVILLE R2R	67	0.75	0.10	45			40		150
BASAL MANNVILLE B2B	66	0.80	0.15	45			41		150
BASAL MANNVILLE S2S	112	0.75	0.10	76			40		591
BASAL MANNVILLE G3G	113	0.80	0.10	81			41		566
GLAUC & BSL MANN MU 1 TOTAL	5 703	0.70	0.10	3 672	420	3 252	40	130 373	
GLAUCONITIC J	335	0.80	0.10	241			41		300
BASAL MANNVILLE P3P	36	0.80	0.10	26			41		275
BASAL MANNVILLE Q3Q	123	0.80	0.10	88			41		300
BASAL MANNVILLE R3R	10	0.80	0.10	7			41		100
BASAL MANNVILLE S3S	28	0.80	0.10	20			41		150
GLAUC & BSL MANN MU#2 TOTAL	532	0.80	0.10	382	20	362	41	14 777	
BASAL MANNVILLE B	700	0.80	0.15	476	404	72	42	3 056	150
BASAL MANNVILLE G	494	0.85	0.10	378	342	36	41	1 490	150
BASAL MANNVILLE I	592	0.85	0.10	453			40		879
BASAL MANNVILLE XX	112	0.75	0.10	76			40		300
BASAL MANNVILLE YY	22	0.75	0.10	15			40		300
BASAL MANNVILLE AAA	26	0.75	0.10	18			40		150
BMN I,XX,YY & AAA TOTAL	752	0.85	0.10	562	22	540	40	21 665	
BASAL MANNVILLE AA	210	0.90	0.15	161			42		971
BASAL MANNVILLE BBB	87	0.75	0.15	55			42		647
BASAL MANNVILLE CCC	191	0.85	0.15	138			42		614
BSL MANN AA,BBB & CCC TOTAL	488	0.85	0.15	354	72	282	42	11 748	
BASAL MANNVILLE A	2 500	0.80	0.10	1 800			40		5 644
BASAL MANNVILLE L	524	0.80	0.10	377			40		2 363
BASAL MANNVILLE OO	585	0.80	0.10	421			41		1 621
BASAL MANNVILLE PP	38	0.80	0.10	27			41		300
BASAL MANNVILLE SS	167	0.80	0.10	121			40		656
BASAL MANNVILLE ZZ	22	0.80	0.10	16			41		150
BASAL MANNVILLE DDD	42	0.75	0.10	29			41		128
BASAL MANNVILLE JJJ	30	0.80	0.10	22			41		150
BASAL MANNVILLE YYY	116	0.75	0.10	78			41		300
BASAL MANNVILLE TTT ASSOC	34	0.75	0.15	22			42		150
BASAL MANNVILLE J2J	115	0.75	0.10	77			40		842
BASAL MANNVILLE T2T	343	0.85	0.15	248			42		1 082
BASAL MANNVILLE U2U	27	0.75	0.10	18			41		150
BASAL MANNVILLE V2V	20	0.80	0.10	14			40		150

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.71	0.185	0.70	10 440	41	0.803	0.68	1 321.3	1977	1988	NORCEN PROGAS MATERIAL BALANCE
						0.72		1974	1988	A&S TCPL DIRECT PANALTA SECONDARY GAS CAP
3.95	0.116	0.75	26 910	77	0.887	0.71	2 481.8	1987	1990	TOP/BASE TVD
1.90	0.056	0.80	27 250	73	0.869	0.76	2 485.0	1988	1989	TOP/BASE TVD
								1987	1990	CHEL NRTHRGE
						0.67		1956	1989	VECTOR TCPL DIRECT PANALTA SHELL CONCURRENT PRODUCTION
2.02	0.112	0.70	17 260	74	0.842	0.67	2 399.8	1956	1989	VECTOR TCPL DIRECT PANALTA SHELL CONCURRENT PRODUCTION
2.75	0.113	0.80	27 990	83	0.913	0.68	2 767.6	1982	1987	CHEL AMOCO NRTHRGE
1.97	0.119	0.80	24 450	76	0.890	0.65	2 885.8	1981	1990	
1.69	0.108	0.75	28 480	80	0.909	0.70	3 007.9	1980	1987	
1.43	0.087	0.75	28 480	75	0.906	0.68	2 994.3	1980	1985	
2.92	0.102	0.75	27 120	80	0.908	0.68	2 935.2	1969	1990	
1.19	0.103	0.80	26 100	87	0.899	0.69	2 990.0	1981	1987	
0.85	0.084	0.70	26 060	87	0.905	0.68	2 953.1	1981	1987	
0.80	0.130	0.85	26 300	96	0.913	0.69	2 956.5	1984	1985	
1.70	0.100	0.75	26 300	96	0.913	0.69	2 940.7	1984	1985	
1.60	0.162	0.85	26 300	96	0.913	0.69	2 845.9	1982	1985	
1.80	0.100	0.80	26 100	89	0.902	0.69	3 063.9	1983	1987	
3.20	0.110	0.80	26 100	90	0.903	0.69	3 086.9	1983	1987	
1.00	0.095	0.80	26 100	87	0.899	0.69	2 903.0	1981	1987	
2.00	0.095	0.75	26 100	88	0.901	0.69	2 922.6	1981	1987	
1.00	0.100	0.85	26 100	89	0.902	0.69	2 931.0	1981	1987	
2.00	0.120	0.90	23 600	90	0.888	0.69	2 998.5	1984	1987	
2.00	0.100	0.80	31 300	77	0.921	0.79	2 838.0	1982	1985	
0.90	0.114	0.80	26 100	84	0.903	0.68	2 832.7	1961	1990	
0.89	0.110	0.80	28 600	80	0.905	0.72	2 812.6	1982	1990	
								1961	1990	GULF DIRECT A&S AMOCO TCPL CHEL NRTHRGE PANALTA
5.50	0.105	0.80	27 930	86	0.916	0.68	2 594.5	1988	1989	
0.55	0.126	0.80	27 810	87	0.917	0.69	2 617.1	1988	1989	
1.50	0.135	0.85	27 970	90	0.921	0.68	2 657.1	1988	1988	
0.50	0.100	0.80	27 850	87	0.916	0.68	2 615.8	1988	1989	
1.00	0.090	0.85	27 840	87	0.916	0.68	2 625.4	1988	1989	
								1988	1989	TCPL DEKALB
6.85	0.070	0.75	29 370	86	0.911	0.77	2 890.7	1958	1989	A&S PRODUCTION DECLINE
26.10	0.110	0.85	19 760	93	0.871	0.67	2 958.9	1981	1989	A&S PRODUCTION DECLINE
2.91	0.137	0.80	24 200	92	0.893	0.69	2 886.8	1980	1985	
2.00	0.110	0.80	24 200	91	0.891	0.69	2 910.1	1980	1985	
0.40	0.109	0.80	24 200	92	0.893	0.70	2 888.0	1980	1985	
1.30	0.082	0.75	24 500	86	0.886	0.69	2 872.3	1980	1985	
								1980	1985	A&S TCPL PROGAS
0.90	0.133	0.80	24 690	84	0.872	0.74	2 649.2	1976	1989	
0.75	0.114	0.70	24 690	84	0.872	0.74	2 677.1	1976	1985	
1.49	0.132	0.70	24 690	84	0.872	0.74	2 683.6	1976	1986	
								1976	1987	A&S
2.00	0.118	0.80	26 730	87	0.900	0.71	2 692.1	1957	1990	
0.90	0.126	0.85	26 370	88	0.903	0.70	2 650.6	1964	1989	
1.57	0.118	0.80	27 850	87	0.904	0.73	2 815.6	1960	1990	
0.70	0.094	0.75	30 530	91	0.934	0.73	2 773.4	1981	1985	
0.90	0.139	0.85	27 450	84	0.914	0.67	2 650.8	1980	1984	
0.80	0.090	0.80	29 330	89	0.921	0.73	2 774.0	1981	1985	
1.80	0.100	0.75	28 000	92	0.904	0.76	2 837.4	1981	1985	
1.00	0.100	0.80	29 330	89	0.921	0.73	2 792.3	1981	1985	
1.43	0.120	0.80	30 940	69	0.914	0.75	2 690.4	1973	1989	
0.90	0.130	0.75	27 550	72	0.869	0.76	2 694.3	1957	1987	GPP
0.66	0.106	0.85	26 010	87	0.898	0.70	2 639.4	1980	1989	
1.42	0.116	0.85	23 840	80	0.848	0.74	2 674.3	1982	1987	
0.80	0.110	0.85	28 300	89	0.908	0.74	2 664.1	1982	1987	
0.60	0.110	0.80	28 860	75	0.928	0.69	2 817.6	1960	1990	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CAROLINE 035-06W5 (CONTINUED)									
BASAL MANNVILLE W2W	11	0.75	0.10	7			40		150
BASAL MANNVILLE C3C	31	0.75	0.10	21			40		128
GLAUCONITIC I	109	0.75	0.10	74			41		128
BASAL MANNVILLE B3B	22	0.80	0.10	16			40		128
BASAL MANNVILLE W3W	20	0.75	0.15	13			41		150
BASAL MANNVILLE X3X	34	0.75	0.15	22			41		150
BASAL MANNVILLE MU #3 TOTAL	4 790	0.80	0.10	3 423	840	2 583	41	104 766	
GLAUCONITIC H	472	0.70	0.10	297			41		638
BASAL MANNVILLE OOO	37	0.75	0.10	25			40		300
BASAL MANNVILLE PPP	31	0.75	0.10	21			40		150
BASAL MANNVILLE QQQ	42	0.75	0.10	29			40		150
BASAL MANNVILLE RRR	281	0.80	0.10	203			40		757
BASAL MANNVILLE Z2Z	69	0.80	0.15	47			41		300
BASAL MANVILLE MU #4 TOTAL	932	0.75	0.10	622	80	542	41	22 054	
BASAL MANNVILLE K2K	203	0.80	0.10	146			40		300
BASAL MANNVILLE L2L	162	0.80	0.10	117			40		823
BASAL MANNVILLE X2X	133	0.75	0.10	90			41		300
BASAL MANNVILLE MU #5 TOTAL	498	0.80	0.10	353	76	277	40	11 141	
OSTRACOD A	347	0.85	0.10	266			39		887
GLAUCONITIC F	325	0.85	0.10	249			40		1 064
BASAL MANNVILLE O	77	0.75	0.10	52			40		300
BASAL MANNVILLE Y	5 888	0.60	0.10	3 180			40		8 689
BASAL MANNVILLE EE	87	0.75	0.10	59			39		300
BASAL MANNVILLE FF	142	0.75	0.10	96			39		150
BASAL MANNVILLE HH	99	0.75	0.10	67			40		690
BASAL MANNVILLE II	11	0.70	0.10	7			40		128
BASAL MANNVILLE JJ	20	0.75	0.10	14			40		150
BASAL MANNVILLE KK	28	0.75	0.10	19			40		150
BASAL MANNVILLE LL	22	0.75	0.10	15			40		150
BASAL MANNVILLE GGG	80	0.75	0.10	54			39		150
BASAL MANNVILLE HHH	90	0.75	0.10	61			39		432
BASAL MANNVILLE III	67	0.75	0.10	45			39		300
BASAL MANNVILLE Y2Y	27	0.75	0.10	18			40		200
BASAL MANNVILLE H3H	36	0.75	0.10	24			40		128
BASAL MANNVILLE I3I	25	0.75	0.10	17			40		128
BASAL MANN & OST MU TOTAL	7 371	0.65	0.10	4 243	829	3 414	40	137 652	
RUNDLE A ASSOC	153	0.75	0.15	98[b]			40		492
RUNDLE A SOLN	4 783	0.46	0.38	1 364[b]			40		
RUNDLE A ASSOC	178	0.75	0.15	114[b]			40		289
RUNDLE A ASSOC	11	0.75	0.15	7[b]			40		45
RUNDLE A ASSOC	69	0.75	0.15	44[b]			41		200
RUNDLE A TOTAL	5 194	0.50	0.35	1 627[b]	1 141[b]	486	40	19 469	
ELKTON A	692	0.85	0.20	470	385	85	42	3 528	512
ELKTON I	495	0.85	0.15	358	224	134	40	5 318	400
BEAVERHILL LAKE A	61 153	c	c	21 000	132	20 868	43[a]	888 142	11 259
OTHER	13 402			4 918	446	4 472		180 621	
TOTAL-CAROLINE	116 498			49 663	9 743	39 920		1 657 733	
CARROT CREEK 052-12W5									
LOWER MANNVILLE G	798	0.85	0.15	576			41		1 148
LOWER MANNVILLE L	240	0.85	0.20	163			41		511
LOWER MANNVILLE O	123	0.75	0.15	78			41		300
LOWER MANNVILLE G,L&O TOTAL	1 161	0.85	0.15	817	190	627	41	25 506	
LOWER MANNVILLE Q	303	0.85	0.15	219			40		128
JURASSIC T	394	0.80	0.10	284			41		608
L MANN Q & JUR T TOTAL	697	0.80	0.10	503	271	232	41	9 507	
LOWER MANNVILLE M SOLN	1 077	0.65	0.40	420			41		
JURASSIC V ASSOC	46	0.70	0.10	29			40		217
JURASSIC W ASSOC	34	0.70	0.10	22			40		170
LMAN M, JUR O,P,V&W TOTAL	1 157	0.65	0.40	471	184	287	41	11 887	
OTHER	5 025			3 022	649	2 373		94 874	
TOTAL-CARROT CREEK	8 040			4 813	1 294	3 519		141 774	
CARSON CREEK 061-12W5									
BEAVERHILL LAKE B	10 941	c	c	8 030	6 042	1 988	42[a]	82 800	8 415
OTHER	16			6	4	2		78	
TOTAL-CARSON CREEK	10 957			8 036	6 046	1 990		82 878	
CARSON CREEK NORTH 062-12W5									
BEAVERHILL LAKE A ASSOC	616	0.85	0.15	445[b]			42		1 155

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
0.45	0.090	0.80	24 810	75	0.867	0.71	2 783.0	1981	1985	
1.20	0.120	0.80	23 300	88	0.865	0.74	2 641.4	1963	1987	
4.00	0.120	0.85	22 600	83	0.862	0.71	2 594.5	1984	1987	
1.00	0.090	0.70	29 920	72	0.916	0.70	2 668.3	1987	1987	
0.90	0.090	0.75	21 640	71	0.822	0.73	2 625.6	1983	1988	
1.20	0.110	0.80	21 640	71	0.822	0.73	2 639.4	1983	1988	
								1960	1990	NORCEN AMOCO A&S TCPL PANALTA
3.22	0.125	0.80	25 680	87	0.882	0.73	2 556.1	1984	1989	
0.60	0.112	0.80	25 880	85	0.896	0.69	2 583.9	1984	1988	
0.85	0.125	0.80	27 140	79	0.899	0.69	2 599.8	1984	1990	
1.30	0.110	0.85	25 880	85	0.896	0.69	2 598.5	1984	1985	
1.76	0.108	0.80	27 140	79	0.899	0.69	2 611.7	1984	1989	
0.75	0.137	0.85	28 840	79	0.889	0.80	2 629.9	1985	1986	
								1984	1990	TCPL SHELL A&S
2.50	0.109	0.85	38 770	91	1.037	0.73	3 116.0	1983	1986	
0.92	0.104	0.75	36 680	100	1.021	0.69	3 147.4	1970	1990	
1.50	0.129	0.80	38 770	98	1.040	0.70	3 179.6	1985	1987	
								1983	1990	NRTHRGE CHEL
2.63	0.094	0.80	22 800	93	0.895	0.68	2 892.6	1980	1982	
1.70	0.092	0.85	25 710	90	0.917	0.64	2 768.3	1982	1989	
1.00	0.125	0.90	25 770	91	0.888	0.75	2 869.2	1980	1987	
4.05	0.107	0.75	23 660	90	0.889	0.69	2 848.3	1978	1990	
2.00	0.102	0.70	22 600	88	0.880	0.70	2 925.0	1980	1986	
4.00	0.140	0.85	22 600	91	0.885	0.70	2 943.0	1980	1988	
1.03	0.100	0.70	22 470	94	0.873	0.73	2 954.6	1979	1983	
0.74	0.077	0.65	26 000	77	0.881	0.71	2 908.7	1981	1983	
1.40	0.075	0.65	22 200	92	0.868	0.73	2 936.5	1979	1988	
1.16	0.095	0.70	26 750	78	0.890	0.71	2 915.6	1981	1988	
1.22	0.080	0.80	19 800	78	0.850	0.69	2 980.8	1980	1988	
4.20	0.100	0.60	24 230	90	0.902	0.68	2 858.2	1979	1985	
1.17	0.103	0.85	23 000	89	0.892	0.68	2 800.6	1980	1985	
1.35	0.096	0.85	23 000	89	0.892	0.68	2 806.6	1980	1990	
1.20	0.080	0.65	22 920	77	0.856	0.71	2 869.2	1984	1990	
2.00	0.100	0.65	23 770	85	0.883	0.69	2 854.3	1984	1986	
1.30	0.110	0.65	23 770	85	0.883	0.69	2 859.2	1984	1986	
								1978	1989	GULF DIRECT VECTOR AMOCO A&S TCPL PROGAS
1.87	0.099	0.75	24 940	80	0.895	0.68	2 733.6	1955	1990	DRY GAS BREAKTHROUGH
						0.68		1955	1990	DRY GAS BREAKTHROUGH
3.04	0.106	0.85	24 940	80	0.895	0.68	2 671.8	1955	1989	
1.24	0.100	0.85	24 940	80	0.895	0.68	2 770.2	1955	1989	
1.80	0.100	0.85	24 230	79	0.865	0.73	2 640.6	1955	1990	
								1955	1990	TCPL DEKALB A&S PANALTA SHELL DRY GAS BREAKTHROUGH
5.10	0.104	0.80	23 740	93	0.859	0.81	2 823.5	1959	1990	A&S TCPL PRODUCTION DECLINE
6.15	0.117	0.80	24 750	89	0.905	0.70	2 873.0	1981	1988	A&S
18.77	0.103	0.90	36 650	102	0.899	1.17	3 687.2	1986	1989	SHELL HUSKY A&S TCPL ATCOR PROGAS
5.02	0.114	0.70	17 660	81	0.818	0.75	2 135.0	1976	1986	
2.86	0.106	0.75	17 900	65	0.728	0.85	2 180.6	1976	1982	
2.40	0.139	0.65	17 520	64	0.780	0.75	2 150.4	1979	1986	
								1976	1986	TCPL
9.97	0.130	0.75	23 100	62	0.805	0.79	2 060.1	1979	1986	
3.88	0.107	0.65	23 100	63	0.814	0.74	2 093.9	1979	1989	
								1979	1989	PANALTA PROGAS
						0.74		1976	1989	SOLN MU - L MANN M, JURASSIC O.P.V&W
1.90	0.110	0.60	17 200	78	0.832	0.71	2 140.8	1976	1986	
1.79	0.106	0.65	17 100	80	0.837	0.71	2 154.8	1980	1986	
								1976	1989	PANALTA PROGAS
7.54	0.077	0.80	26 130	93	0.850	0.92	2 619.2	1957	1988	A&S TCPL GAS CYCLING SCHEME
3.13	0.086	0.85	25 750	85	0.878	0.75	2 641.5	1958	1988	SOLN MU-BEAVERHILL LAKE A&B.CONC PROD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CARSON CREEK NORTH 062-12W5 (CONTINUED)									
BEAVERHILL LAKE A SOLN	16 495	0.46	0.15	6 450[b]			42		
BEAVERHILL LAKE B ASSOC	178	0.75	0.15	114[b]			42		286
BEAVERHILL LAKE A&B TOTAL	17 289	0.50	0.15	7 009[b]	5 260[b]	1 749	42	72 898	
TOTAL-CARSON CREEK NORTH	17 289			7 009	5 260	1 749		72 898	
CARSTAIRS 030-02W5									
ELKTON A	29 728	0.93	0.15	23 500	21 702	1 798	40	72 423	6 316
ELKTON C	611	0.80	0.15	416	82	334	40	13 497	200
OTHER	759			493	48	445		17 786	
TOTAL-CARSTAIRS	31 098			24 409	21 832	2 577		103 706	
CARVEL 053-02W5									
TOTAL-CARVEL	514			345		345		12 924	
CASLAN 065-17W4									
NISKU A	621	0.75	0.05	443	217	226	37	8 355	1 955
OTHER	664			419	144	275		10 341	
TOTAL-CASLAN	1 285			862	361	501		18 696	
CASSILS 019-15W4									
MILK RIVER A	2 481	0.70	0.05	1 650			36		9 504
MEDICINE HAT A	1 237	0.70	0.03	840			36		8 311
MEDICINE HAT C	206	0.50	0.03	100			36		4 462
SE ALTA GAS SYS (MU) TOTAL	3 924	0.70	0.05	2 590	462	2 128	36	77 608	
OTHER	1			1	1	< 1		-	
TOTAL-CASSILS	3 925			2 591	463	2 128		77 608	
CAVALIER 024-23W4									
TOTAL-CAVALIER	121			71		71		2 624	
CAW (SA) 061-06W6									
TOTAL-CAW	91			60		60		2 406	
CECIL 084-08W6									
TOTAL-CECIL	1 128			785	24	761		28 911	
CECILIA 057-22W5									
NIS 056-22	2 308	0.80	0.35	1 200		1 200	37	44 724	856
OTHER	1 404			789		789		30 758	
TOTAL-CECILIA	3 712			1 989		1 989		75 482	
CENTRON 023-26W4									
TOTAL-CENTRON	119			78		78		2 948	
CEREAL 026-07W4									
TOTAL-CEREAL	147			93		93		3 407	
CESSFORD 025-13W4									
MILK RIVER A	4 180	0.70	0.05	2 780			36		81 234
MEDICINE HAT A	10 677	0.70	0.03	7 250			36		128 237
MEDICINE HAT C	456	0.50	0.03	221			36		15 830
MEDICINE HAT D	1 124	0.50	0.03	545			36		35 606
SECOND WHITE SPECKS A	576	0.75	0.05	410			36		8 868
SE ALTA GAS SYS(MU) TOTAL	17 013	0.70	0.05	11 206	1 944	9 262	36	337 785	
VIKING D		0.65	0.03				37		200
VIKING H		0.70	0.03				38		1 587
VIKING D & H TOTAL	588	0.65	0.05	371	307	64	37	2 397	
BASAL COLORADO A ASSOC		0.91	0.04				38		41 326
BASAL COLORADO A SOLN	544	0.47	0.20	205[b]			38		
BASAL COLORADO A ASSOC		0.91	0.04				38		580
BASAL COLORADO A ASSOC		0.91	0.04				38		93
BASAL COLORADO A TOTAL	20 233	0.90	0.05	17 405[b]	16 936[b]	469	38	17 996	
BASAL COLORADO O	1 050	0.80	0.10	756	680	76	38	2 918	4 000
BASAL COLORADO E		0.85	0.10				38		3 590
MANNVILLE N		0.85	0.04				38		440
MANNVILLE O		0.75	0.05				38		200
BSL COLO E & MANN N&O TOTAL	1 978	0.85	0.10	1 530	1 472	58	38	2 208	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.75		1958	1988	SOLN MU-BEAVERHILL LAKE A&B,CONC PROD
3.00	0.100	0.90	25 920	88	0.884	0.74	2 656.2	1958	1987	
								1958	1990	A&S CONCURRENT PRODUCTION
18.65	0.085	0.75	22 820	80	0.853	0.78	2 466.4	1958	1989	TCPL PRODUCTION DECLINE GAS CYCLING SCHEME
18.18	0.115	0.85	17 240	75	0.819	0.76	2 401.8	1986	1989	DIRECT
9.10	0.165	0.65	3 150	20	0.939	0.58	582.7	1976	1982	PANALTA
10.32	0.154	0.55	3 140	16	0.937	0.56	404.6	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
3.45	0.170	0.55	4 310	17	0.916	0.56	497.8	1904	1987	PART OF MED HAT POOL NO.1
1.17	0.139	0.60	4 450	19	0.916	0.56	518.1	1973	1982	PART OF MED HAT POOL NO.3
								1904	1988	TCPL PANALTA
15.30	0.075	0.85	34 460	103	0.943	0.74	3 475.2	1987	1989	A&S CHEL GULF BER TOP/BASE TVD
3.48	0.154	0.55	3 140	16	0.937	0.56	373.6	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.93	0.170	0.55	4 310	17	0.916	0.56	485.6	1904	1987	PART OF MED HAT POOL NO.1
0.73	0.139	0.60	4 450	19	0.916	0.56	478.7	1973	1988	PART OF MED HAT POOL NO.3
0.80	0.139	0.60	4 450	19	0.916	0.56	509.2	1973	1988	PART OF MED HAT POOL NO.4
0.84	0.216	0.60	5 690	27	0.904	0.56	639.4	1944	1982	PART OF 2WS POOL NO.1
								1904	1990	POCO ESSO RENENER CNG TCPL NCO PANALTA PROGAS SOQUIP
1.80	0.155	0.45	7 550	29	0.870	0.59	781.1	1967	1989	PRODUCTION DECLINE
3.04	0.200	0.50	7 630	27	0.853	0.60	801.0	1965	1989	PRODUCTION DECLINE
								1965	1989	A&S POCO TCPL
3.45	0.248	0.60	8 810	27	0.822	0.62	879.7	1950	1989	MATERIAL BALANCE CONCURRENT PRODUCTION
						0.62		1950	1989	MATERIAL BALANCE CONCURRENT PRODUCTION
1.94	0.241	0.60	8 810	27	0.822	0.62	921.2	1950	1989	MATERIAL BALANCE
1.75	0.236	0.60	8 810	27	0.822	0.62	918.4	1950	1989	MATERIAL BALANCE
								1950	1989	ESSO TCPL OPINAC RENENER CONCURRENT PRODUCTION
2.47	0.239	0.55	7 600	28	0.837	0.65	922.1	1951	1986	ESSO TCPL MATERIAL BALANCE
2.43	0.212	0.50	8 680	27	0.820	0.63	899.1	1950	1988	MATERIAL BALANCE
3.08	0.212	0.50	9 760	33	0.813	0.66	1 012.9	1951	1988	MATERIAL BALANCE
6.17	0.233	0.60	8 720	33	0.828	0.66	973.1	1953	1988	MATERIAL BALANCE
								1950	1988	ESSO TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
CESSFORD 025-13W4 (CONTINUED)									
MANNVILLE I ASSOC	433	0.75	0.04	312	104	208	38	7 968	377
MANNVILLE C ASSOC	1 934	0.85	0.10	1 480[b]			40		2 897
MANNVILLE C SOLN	1 408	0.65	0.20	732[b]			40		
MANNVILLE C ASSOC	15	0.75	0.10	10[b]			40		64
MANNVILLE C TOTAL	3 357	0.75	0.15	2 222[b]	1 669[b]	553	40	22 369	
MANNVILLE G	1 314	0.70	0.04	883	855	28	38	1 056	1 709
MANNVILLE H	1 805	0.75	0.04	1 300	1 236	64	37	2 387	2 836
MANNVILLE J	665	0.72	0.04	460	449	11	38	415	374
MANNVILLE V	1 900	0.85	0.04	1 550	1 348	202	38	7 621	1 281
MANNVILLE Y ASSOC		0.85	0.10				39		269
MANNVILLE Y SOLN	241	0.65	0.30	110[b]			39		
MANNVILLE Y ASSOC		0.85	0.10				39		170
MANNVILLE Y ASSOC		0.85	0.10				39		134
MANNVILLE Y ASSOC		0.85	0.10				39		31
MANNVILLE Z ASSOC		0.85	0.10				39		96
MANNVILLE Y & Z TOTAL	753	0.80	0.15	502[b]	488[b]	14	39	542	
MANNVILLE L		0.75	0.05				39		498
MANNVILLE CC		0.75	0.05				38		2 484
MANNVILLE L & CC TOTAL	609	0.75	0.05	434	374	60	38	2 292	
MANNVILLE C3C	411	0.80	0.05	313	11	302	38	11 470	150
MANNVILLE Q3Q	520	0.85	0.05	420		420	37	15 397	150
GLAUCONITIC T	343	0.80	0.10	247[b]			39		2 038
MANNVILLE HH ASSOC	1 075	0.80	0.10	774[b]			38		2 447
MANNVILLE HH SOLN	13	0.65	0.35	5[b]			38		
GLAUC T & MANN HH TOTAL	1 431	0.80	0.10	1 026[b]	336[b]	690	38	26 275	
BANFF B ASSOC	462	0.85	0.10	354[b]			39		1 615
BANFF B SOLN	313	0.65	0.12	179[b]			39		
BANFF B ASSOC	2	0.75	0.10	2[b]			39		26
BANFF B ASSOC	6	0.75	0.10	5[b]			39		72
BANFF B TOTAL	783	0.75	0.10	540[b]	188[b]	352	39	13 798	
OTHER	11 483			7 642	2 547	5 095		190 868	
TOTAL-CESSFORD	66 326			48 872	30 944	17 928		665 762	
CHAIN 033-17W4									
TOTAL-CHAIN	1 911			1 254	285	969		36 753	
CHAMBERLAIN 052-23W4									
TOTAL-CHAMBERLAIN	10			6		6		229	
CHAMBERS 041-10W5									
ELTN 05-041-11	457	0.85	0.15	330		330	39	12 857	200
OTHER	1 128			794		794		31 274	
TOTAL-CHAMBERS	1 585			1 124		1 124		44 131	
CHANDLER 059-02W4									
TOTAL-CHANDLER	439			264	83	181		6 583	
CHARD 079-06W4									
WABISKAW B	58	0.50	0.05	28			37		3 558
WABISKAW D	22	0.50	0.05	10			38		1 567
WABISKAW E	3	0.50	0.10	2			41		269
WABISKAW F	8	0.70	0.05	6			37		200
MCMURRAY B	4 252	0.75	0.05	3 030			37		22 771
MCMURRAY D	89	0.50	0.05	43			37		772
MCMURRAY E	148	0.50	0.05	70			37		2 790
MCMURRAY F	6	0.50	0.05	3			37		237
MCMURRAY G	9	0.50	0.05	5			37		279
MCMURRAY H	7	0.60	0.05	4			37		200
MCMURRAY I	17	0.50	0.05	9			38		469
MCMURRAY J	18	0.50	0.05	9			38		518
MCMURRAY K	29	0.50	0.05	14			37		200
MCMURRAY L	9	0.70	0.05	6			37		200
MCMURRAY M	53	0.70	0.05	35			37		200
WBSK & MCM MU1 TOTAL	4 728	0.75	0.05	3 274	1 802	1 472	37	55 023	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.49	0.217	0.70	9 740	33	0.838	0.59	1 019.4	1951	1986	TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
3.33	0.240	0.70	9 720	33	0.757	0.71	1 011.7	1951	1986	CONCURRENT PRODUCTION
						0.71		1951	1986	CONCURRENT PRODUCTION
1.23	0.230	0.70	9 720	33	0.757	0.71	1 023.4	1951	1982	
						0.72		1951	1986	ESSO TCPL NCO CONCURRENT PRODUCTION
4.02	0.210	0.50	9 760	33	0.813	0.66	1 037.0	1950	1986	TCPL MATERIAL BALANCE
4.30	0.264	0.55	9 930	27	0.828	0.60	934.1	1958	1987	TCPL NCO PRODUCTION DECLINE
4.34	0.232	0.55	10 580	33	0.803	0.66	1 037.0	1958	1990	RENENER TCPL PRODUCTION DECLINE
3.14	0.222	0.60	9 650	38	0.827	0.66	1 131.8	1959	1988	TCPL OPINAC MATERIAL BALANCE
2.11	0.212	0.65	9 710	32	0.808	0.65	998.7	1951	1989	PRODUCTION DECLINE SOLN MU - MANNVILLE Y&Z,CONC PROD
						0.65		1951	1989	PRODUCTION DECLINE SOLN MU - MANNVILLE Y&Z,CONC PROD
1.96	0.194	0.60	8 290	32	0.830	0.65	1 000.4	1951	1989	PRODUCTION DECLINE
6.69	0.182	0.65	9 710	32	0.808	0.65	990.4	1951	1989	PRODUCTION DECLINE
0.83	0.180	0.50	9 710	32	0.808	0.65	1 011.5	1951	1989	PRODUCTION DECLINE
0.69	0.233	0.65	9 680	29	0.801	0.64	991.3	1951	1989	PRODUCTION DECLINE
								1951	1989	ESSO NCO TCPL CONCURRENT PRODUCTION
3.03	0.235	0.50	9 650	35	0.792	0.70	1 107.7	1962	1985	MATERIAL BALANCE
2.04	0.177	0.55	9 450	35	0.850	0.59	1 087.1	1962	1980	MATERIAL BALANCE
								1962	1980	TCPL RENENER
16.50	0.220	0.70	9 640	33	0.830	0.62	970.0	1986	1987	
17.00	0.270	0.75	9 190	30	0.857	0.58	925.7	1990	1990	
1.64	0.176	0.55	9 670	40	0.828	0.64	1 208.6	1966	1984	PART OF GLAUC POOL NO.4
4.77	0.152	0.55	9 830	38	0.816	0.68	1 231.8	1972	1989	PART OF GLAUC POOL NO.4 SOLN MU - GLAUC T & MANN HH
						0.68		1972	1989	PART OF GLAUC POOL NO.4 SOLN MU - GLAUC T & MANN HH
								1966	1990	POCO TCPL PART OF GLAUC POOL NO.4 GAS PRODUCED BEFORE OIL DISCOVERED
2.53	0.151	0.60	10 900	38	0.799	0.66	1 192.8	1973	1985	CONCURRENT PRODUCTION
						0.66		1973	1985	CONCURRENT PRODUCTION
0.73	0.140	0.50	10 900	38	0.799	0.65	1 269.7	1973	1984	
0.94	0.151	0.50	10 900	37	0.800	0.66	1 287.3	1973	1989	
								1973	1989	POCO TCPL CONCURRENT PRODUCTION
14.87	0.080	0.85	29 790	110	0.978	0.66	3 398.9	1973	1974	TCPL AEC BER
0.72	0.248	0.50	1 790	15	0.963	0.55	208.0	1979	1988	
0.65	0.263	0.45	1 740	7	0.960	0.55	257.3	1978	1988	
0.45	0.258	0.50	1 550	10	0.949	0.69	259.6	1986	1988	
1.00	0.250	0.40	3 510	12	0.926	0.56	230.9	1986	1989	
5.04	0.280	0.75	1 730	16	0.965	0.55	244.6	1957	1990	
3.14	0.271	0.75	1 780	18	0.964	0.55	315.2	1980	1989	
1.66	0.280	0.65	1 730	18	0.965	0.55	218.3	1979	1989	
1.09	0.263	0.55	1 420	9	0.968	0.55	211.7	1984	1989	
1.19	0.271	0.60	1 570	10	0.965	0.55	215.7	1985	1988	
1.60	0.300	0.45	1 640	16	0.966	0.55	209.2	1985	1988	
1.05	0.287	0.65	1 750	8	0.961	0.55	310.4	1985	1988	
1.16	0.290	0.60	1 680	16	0.966	0.55	261.0	1986	1988	
4.70	0.290	0.60	1 720	17	0.966	0.56	283.2	1988	1990	
1.70	0.280	0.55	1 660	8	0.963	0.56	213.5	1988	1990	
7.60	0.270	0.75	1 660	11	0.965	0.56	221.3	1988	1990	
								1957	1990	PARAMNT SOQUIP PCI HOME ESSO CANOXY BVI TCPL CANST PANALTA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CHARD 079-06W4 (CONTINUED)									
OTHER	627			341	8	333		12 386	
TOTAL-CHARD	5 355			3 615	1 810	1 805		67 409	
CHARLIE 089-05W6									
GETHING C	464	0.80	0.05	352			37		2 341
GETHING E	81	0.70	0.05	54			37		300
GETHING C & E TOTAL	545	0.80	0.05	406	60	346	37	12 698	
OTHER	165			106	29	77		2 956	
TOTAL-CHARLIE	710			512	89	423		15 654	
CHARLOTTE LAKE 060-04W4									
COLONY G	885	0.65	0.05	546	375	171	38	6 522	2 873
COLONY A		0.65	0.05				38		4 396
GRAND RAPIDS A		0.55	0.05				37		463
COLONY A & GRD RAP A TOTAL	1 061	0.65	0.05	655	412	243	38	9 268	
OTHER	814			491	150	341		12 724	
TOTAL-CHARLOTTE LAKE	2 760			1 692	937	755		28 514	
CHARM 103-09W6									
TOTAL-CHARM	57			38		38		1 384	
CHARRON 069-16W4									
GRAND RAPIDS B	457	0.70	0.05	304	211	93	38	3 498	1 219
GROSMONT A	877	0.60	0.05	500	446	54	37	1 993	5 142
OTHER	1 430			825	202	623		23 122	
TOTAL-CHARRON	2 764			1 629	859	770		28 613	
CHAUVIN 043-01W4									
TOTAL-CHAUVIN	617			407	5	402		13 761	
CHAUVIN SOUTH 042-02W4									
TOTAL-CHAUVIN SOUTH	2 345			1 466	421	1 045		35 694	
CHEDDERVILLE 037-07W5									
LEDUC A	2 157	0.60	0.15	1 100	1 019	81	39	3 149	1 469
LEDUC B	1 123	0.80	0.10	809	219	590	39	23 158	200
LEDUC C	736	0.70	0.15	438		438	39	17 100	200
OTHER	85			58		58		2 327	
TOTAL-CHEDDERVILLE	4 101			2 405	1 238	1 167		45 734	
CHERHILL 056-05W5									
BANFF F SOLN	635	0.65	0.20	330	87	243	40	9 725	
BANFF A SOLN	627	0.40	0.75	63[b]			40		
BANFF A ASSOC	365	0.85	0.10	279[b]	96[b]	246	40	9 783	448
BANFF H ASSOC	226	0.70	0.10	142[b]			39		286
BANFF H SOLN	544	0.65	0.15	301[b]			39		
BANFF H ASSOC	2	0.70	0.10	1[b]			39		5
BANFF H ASSOC	135	0.70	0.10	86[b]			39		253
BANFF H ASSOC	85	0.70	0.10	54[b]			40		176
BANFF H TOTAL	992	0.65	0.15	584[b]	184[b]	400	39	15 756	
OTHER	3 177			2 038	313	1 725		66 991	
TOTAL-CHERHILL	5 796			3 294	680	2 614		102 255	
CHERPETA 074-19W4									
TOTAL-CHERPETA	1 017			565		565		20 802	
CHERRY (SA) 008-12W4									
TOTAL-CHERRY	65			47		47		1 581	
CHICKADEE 062-16W5									
GETHING D ASSOC	1 040	0.80	0.10	749	143	606	39	23 798	1 971
GETHING A	1 280	0.75	0.10	864	205	659	39	25 411	2 442
SW HL 062-16	557	0.85	0.20	378		378	40	15 162	564
OTHER	892			587	105	482		19 109	
TOTAL-CHICKADEE	3 769			2 578	453	2 125		83 480	
CHICKEN 062-07W6									
TOTAL-CHICKEN	489			326	11	315		12 340	
CHIGWELL 041-24W4									
MANNVILLE A	790	0.80	0.10	569	569	< 1	39	-	711
MANNVILLE J	1 733	0.75	0.10	1 170	213	957	39	37 400	1 241

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.03	0.205	0.65	7 170	39	0.891	0.60	1 070.9	1979	1988	
3.10	0.203	0.60	7 180	46	0.900	0.58	1 049.9	1986	1986	
								1979	1989	CWNGNUL PROGAS
1.93	0.295	0.75	2 430	12	0.945	0.57	329.2	1972	1990	TRITON RENENER UNIGAS MATERIAL BALANCE
2.49	0.293	0.70	2 230	13	0.950	0.57	346.3	1964	1989	MATERIAL BALANCE
0.67	0.309	0.55	2 470	14	0.948	0.56	365.6	1983	1989	MATERIAL BALANCE
								1964	1990	TRITON DIRECT CNG PANALTA
1.78	0.340	0.70	2 270	12	0.951	0.56	284.3	1978	1988	CWNGNUL PRODUCTION DECLINE
7.57	0.135	0.75	2 620	23	0.951	0.57	464.0	1974	1986	PRODUCTION DECLINE
12.01	0.063	0.90	30 430	134	0.986	0.71	3 555.0	1967	1989	ESSO BP PANALTA
47.00	0.060	0.90	28 940	110	0.971	0.64	3 631.7	1987	1989	GULF MOBIL
40.20	0.060	0.80	23 420	107	0.919	0.68	3 555.5	1989	1989	BP PANALTA
						0.68		1981	1987	NORCEN RENENER
						0.71		1966	1990	CWNGNUL PANALTA CONCURRENT PRODUCTION
5.06	0.181	0.70	10 910	41	0.777	0.71	1 299.8	1966	1990	CWNGNUL PANALTA CONCURRENT PRODUCTION
5.26	0.184	0.70	10 810	48	0.821	0.66	1 357.9	1973	1990	CONCURRENT PRODUCTION
						0.66		1973	1990	CONCURRENT PRODUCTION
2.40	0.270	0.55	10 810	48	0.821	0.66	1 372.2	1973	1988	
3.03	0.215	0.70	10 810	48	0.821	0.66	1 343.7	1973	1988	
2.80	0.198	0.75	10 810	48	0.821	0.65	1 329.5	1973	1988	
								1973	1990	TCPL NORCEN PROGAS CONCURRENT PRODUCTION
4.44	0.150	0.60	14 000	76	0.864	0.64	1 856.7	1980	1989	PROGAS CONCURRENT PRODUCTION
4.97	0.142	0.55	14 110	73	0.859	0.66	1 863.8	1978	1987	PROGAS
6.53	0.088	0.80	27 870	117	0.946	0.73	2 978.4	1976	1990	PROGAS BER
6.49	0.173	0.65	11 530	64	0.834	0.70	1 572.4	1952	1985	
8.72	0.159	0.80	11 930	56	0.819	0.69	1 573.7	1977	1988	ESSO PANALTA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE $10^6 m^3$	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES $10^6 m^3$	5 NET CUMULATIVE PRODUCTION $10^6 m^3$	6 REMAINING ESTABLISHED RESERVES $10^6 m^3$	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CHIGWELL 041-24W4 (CONTINUED)									
OTHER	4 011			2 423	566	1 857		72 775	
TOTAL-CHIGWELL	6 534			4 162	1 348	2 814		110 175	
CHIGWELL NORTH 042-24W4									
TOTAL-CHIGWELL NORTH	92			60		60		2 393	
CHIME (SA) 061-05W6									
TOTAL-CHIME	940			672		672		26 778	
CHIN COULEE 007-14W4									
TOTAL-CHIN COULEE	112			51	10	41		1 314	
CHINCHAGA 097-06W6									
SLAVE POINT A	1 389	0.80	0.10	1 000	320	680	38	26 017	1 638
OTHER	337			232		232		8 938	
TOTAL-CHINCHAGA	1 726			1 232	320	912		34 955	
CHINCHAGA NORTH 098-07W6									
DEBOLT-DETRITAL A	3 158	0.80	0.05	2 400	678	1 722	37	63 645	2 622
OTHER	212			147	13	134		5 086	
TOTAL-CHINCHAGA NORTH	3 370			2 547	691	1 856		68 731	
CHINOOK 029-08W4									
BELLY RIVER A	367	0.87	0.05	303	299	4	37	148	4 403
OTHER	464			299	74	225		8 329	
TOTAL-CHINOOK	831			602	373	229		8 477	
CHINOOK RIDGE (SA) 065-13W6									
CDOT 12-065-13	841	0.90	0.10	681		681	39	26 838	440
NOTI 12-065-13	645	0.90	0.10	523		523	39	20 449	250
BELL 11-065-13	749	0.80	0.25	449		449	37	16 541	200
OTHER	319			230		230		9 064	
TOTAL-CHINOOK RIDGE	2 554			1 883		1 883		72 892	
CHIP LAKE 053-10W5									
ROCK CREEK C	469	0.90	0.10	380	362	18	40	722	428
OTHER	180			108		108		4 572	
TOTAL-CHIP LAKE	649			488	362	126		5 294	
CHIPMUNK (SA) 082-12W5									
TOTAL-CHIPMUNK	33			24		24		879	
CHISHOLM 068-01W5									
TOTAL-CHISHOLM	915			599	301	298		11 001	
CINDY 077-01W6									
TOTAL-CINDY	113			80	55	25		986	
CLAIR 073-05W6									
TOTAL-CLAIR	303			217		217		8 372	
CLARESHOLM 013-26W4									
TOTAL-CLARESHOLM	1 619			1 079	219	860		33 046	
CLAY 060-13W4									
VIKING A	1 256	0.40	0.05	477	1	476	37	17 498	19 603
COLONY U	587	0.75	0.05	418	309	109	37	4 028	1 703
OTHER	960			662	311	351		13 069	
TOTAL-CLAY	2 803			1 557	621	936		34 595	
CLAYHURST 083-05W6									
TOTAL-CLAYHURST	14			8		8		308	
CLEAR HILLS (SA) 087-11W6									
TOTAL-CLEAR HILLS	186			118		118		4 468	
CLEAR PRAIRIE 091-12W6									
TOTAL-CLEAR PRAIRIE	331			214		214		8 179	
CLEARWATER 035-12W5									
RUNDLE A	11 361	0.80	0.10	8 180	359	7 821	38	300 874	2 052

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
7.20	0.080	0.65	20 600	93	0.842	0.83	2 149.7	1973	1984	PANALTA MATERIAL BALANCE
3.78	0.218	0.65	5 770	28	0.896	0.58	691.7	1978	1990	A&S PANALTA PROGAS MATERIAL BALANCE
2.87	0.337	0.65	1 670	18	0.967	0.56	245.3	1972	1987	CWNGNUL MATERIAL BALANCE
7.09	0.200	0.70	22 750	98	0.906	0.67	2 807.1	1956	1981	BER
9.87	0.200	0.70	23 440	112	0.927	0.67	2 881.6	1956	1988	BER
19.80	0.120	0.65	37 510	150	1.040	0.69	4 303.0	1979	1983	BER
4.61	0.140	0.80	21 370	57	0.803	0.72	1 856.9	1950	1990	MATERIAL BALANCE NONCOMMERCIAL OIL
1.03	0.254	0.55	4 180	18	0.917	0.57	455.6	1949	1988	NCO PANALTA PCI PART OF VIK POOL NO.6
4.71	0.285	0.70	3 610	28	0.936	0.57	520.0	1976	1990	TRITON PANALTA PRODUCTION DECLINE
36.00	0.064	0.90	35 250	94	1.023	0.62	4 207.4	1980	1990	SHELL MOBIL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
CLEARWATER 035-12W5 (CONTINUED)									
TOTAL-CLEARWATER	11 361			8 180	359	7 821		300 874	
CLIFFDALE (SA) 084-17W5									
TOTAL-CLIFFDALE	34			19		19		732	
CLIVE 040-24W4									
D-2 A POOL 1 ASSOC	158	0.85	0.15	114[b]			35		293
D-2 A POOL 1 SOLN	1 146	0.48	0.40	330[b]			35		
D-2 A POOL 2 ASSOC	79	0.85	0.25	50[b]			44		322
D-2 A POOL 3 ASSOC	875	0.85	0.35	484[b]			43		1 371
D-2 A TOTAL	2 258	0.65	0.35	978[b]	506[b]	472	39	18 474	
D-3 A ASSOC	155	0.85	0.30	92			42		385
D-3 A SOLN	2 077	0.66	0.35	891			42		
D-3 A POOL 2 ASSOC	378	0.85	0.30	225			42		516
D-3 A POOL 3 ASSOC	448	0.85	0.30	267			40		451
D-3 A POOL 4 ASSOC	119	0.85	0.30	71			42		305
D-3 A TOTAL	3 177	0.75	0.35	1 546	728	818	42	34 192	
OTHER	2 381			1 562	289	1 273		48 493	
TOTAL-CLIVE	7 816			4 086	1 523	2 563		101 159	
CLOUSTON (SA) 071-25W5									
TOTAL-CLOUSTON	68			46		46		1 766	
CLOVER 061-17W5									
TOTAL-CLOVER	215			149	39	110		4 256	
CLYDE LAKE 073-10W4									
TOTAL-CLYDE LAKE	55			34		34		1 268	
CLYDEN 075-13W4									
TOTAL-CLYDEN	331			211	1	210		7 776	
COALDALE 008-20W4									
TOTAL-COALDALE	617			363	250	113		3 960	
CODDIN (SA) 088-19W5									
TOTAL-CODDIN	7			5		5		183	
COLD LAKE 063-02W4									
COLONY A	389	0.90	0.05	333	259	74	37	2 723	710
COLONY D	465	0.85	0.05	375	228	147	37	5 470	945
OTHER	581			360	123	237		8 806	
TOTAL-COLD LAKE	1 435			1 068	610	458		16 999	
COLEMAN 009-04W5									
RUNDLE A	10 461	0.75	0.35	5 100			37		1 998
PALLISER B	3 428	0.75	0.30	1 800			37		657
RUNDLE A & PALLISER B TOTAL	13 889	0.75	0.35	6 900	2 309	4 591	37	170 051	
TOTAL-COLEMAN	13 889			6 900	2 309	4 591		170 051	
COLINTON 064-20W4									
TOTAL-COLINTON	594			369	74	295		11 055	
COLORADO 090-04W6									
TOTAL-COLORADO	294			167	57	110		4 068	
COLT 058-24W5									
TOTAL-COLT	484			325	3	322		12 586	
COLUMBIA 046-16W5									
VIKING A	1 555	0.80	0.10	1 120	9	1 111	40	44 940	1 591
NISKU B	891	0.70	0.40	374	313	61	37	2 248	128
OTHER	511			371	6	365		14 267	
TOTAL-COLUMBIA	2 957			1 865	328	1 537		61 455	
COMPEER 033-02W4									
UPPER MANNVILLE A	443	0.85	0.05	358	156	202	37	7 496	914
OTHER	763			542	223	319		11 872	
TOTAL-COMPEER	1 206			900	379	521		19 368	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.79	0.065	0.85	17 100	67	0.847	0.75	1 883.8	1951	1988	CONING GAS CAP
						0.75		1951	1988	CONING GAS CAP
2.51	0.059	0.80	17 090	67	0.693	0.90	1 832.9	1951	1990	
6.20	0.058	0.85	17 070	67	0.684	0.89	1 850.5	1951	1990	
								1951	1990	ESSO TCPL CONING GAS CAP
4.04	0.058	0.85	17 570	67	0.728	0.83	1 882.7	1952	1989	
						0.83		1952	1989	
7.62	0.056	0.85	17 600	67	0.728	0.83	1 912.2	1952	1986	
8.16	0.066	0.85	17 570	57	0.697	0.90	1 879.6	1952	1990	
3.68	0.062	0.85	17 550	67	0.728	0.83	1 876.2	1952	1990	
								1952	1990	ESSO TCPL
1.60	0.310	0.70	2 300	20	0.955	0.57	269.1	1952	1990	TRITON RENENER PRODUCTION DECLINE
2.27	0.326	0.65	2 300	18	0.954	0.57	269.9	1952	1989	TRITON MATERIAL BALANCE
28.86	0.068	0.85	30 950	67	0.844	0.76	3 044.3	1969	1989	MATERIAL BALANCE
32.66	0.041	0.80	33 700	102	0.958	0.70	3 586.8	1969	1984	MATERIAL BALANCE
								1969	1989	A&S
4.09	0.124	0.75	31 500	89	0.963	0.66	3 051.2	1979	1990	CHEL HUSKY TOP/BASE TVD
17.00	0.098	0.85	59 770	127	1.170	0.81	4 213.5	1980	1989	CNG HUSKY PANALTA PRODUCTION DECLINE
3.39	0.272	0.70	6 890	26	0.873	0.59	864.4	1956	1990	MIPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	ha
COMREY 001-07W4									
BOW ISLAND	734	0.80	0.05	558	551	7	37	256	2 447
OTHER	520			350	149	201		7 349	
TOTAL-COMREY	1 254			908	700	208		7 605	
CONKLIN (SA) 075-07W4									
TOTAL-CONKLIN	55			31		31		1 148	
CONNEMARA 016-27W4									
RUND 04-016-27	498	0.90	0.15	381		381	37	14 249	200
OTHER	43			20		20		745	
TOTAL-CONNEMARA	541			401		401		14 994	
CONNORSVILLE 025-15W4									
MILK RIVER A	1 017	0.70	0.05	676			36		16 500
MEDICINE HAT A	2 827	0.70	0.03	1 920			36		25 598
SE ALTA GAS SYS(MU) TOTAL	3 844	0.70	0.05	2 596	99	2 497	36	91 066	
VIKING A	527	0.60	0.05	300	144	156	38	5 875	2 506
GLAUCONITIC A	312	0.85	0.10	239			39		440
GLAUCONITIC B	31	0.75	0.05	22			38		128
GLAUCONITIC C	196	0.75	0.05	140			38		738
GLAUCONITIC E	152	0.75	0.10	103			39		150
GLAUCONITIC I	32	0.75	0.10	22			39		150
ELLERSLIE A	3 820	0.80	0.10	2 750			39		9 732
GLAUC ABCEI & ELERS A TOTAL	4 543	0.80	0.10	3 276	1 592	1 684	39	65 929	
OTHER	942			655	164	491		18 605	
TOTAL-CONNORSVILLE	9 856			6 827	1 999	4 828		181 475	
CONRAD 005-15W4									
TOTAL-CONRAD	13			9		9		310	
COOKING LAKE 052-22W4									
TOTAL-COOKING LAKE	171			108	9	99		3 617	
CORAL 046-05W5									
TOTAL-CORAL	235			156		156		5 814	
CORBETT 061-07W5									
VIKING A	514	0.90	0.05	440	440	< 1	39	-	1 662
OTHER	336			221	14	207		7 920	
TOTAL-CORBETT	850			661	454	207		7 920	
CORDEL 042-16W5									
TV 042-16	1 196	0.50	0.15	508		508	39	19 624	400
TV 042-16	2 097	0.50	0.15	892		892	39	34 476	800
TOTAL-CORDEL	3 293			1 400		1 400		54 100	
CORNER 080-09W4									
TOTAL-CORNER	64			31		31		1 162	
CORNWALL 070-26W5									
TOTAL-CORNWALL	71			54		54		2 047	
CORRIN 061-13W4									
TOTAL-CORRIN	1 651			892	304	588		21 517	
COUNTESS 020-16W4									
MILK RIVER A	8 857	0.70	0.05	5 890			36		77 352
MEDICINE HAT A	11 296	0.70	0.03	7 670			36		105 159
MEDICINE HAT C	214	0.50	0.03	104			36		6 613
MEDICINE HAT D	124	0.50	0.03	60			36		4 304
SECOND WHITE SPECKS A	705	0.80	0.05	536			36		5 363
SE ALTA GAS SYS (MU) TOTAL	21 196	0.70	0.05	14 260	1 169	13 091	36	477 429	
BOW ISLAND A	1 067	0.65	0.05	659	535	124	37	4 614	7 559
BASAL COLORADO A	5 170	0.91	0.05	4 470	4 349	121	37	4 470	26 128
UPPER MANNVILLE D ASSOC	417	0.75	0.10	282[b]			37		437
UPPER MANNVILLE D SOLN	790	0.49	0.25	290[b]			37		
UPPER MANNVILLE D TOTAL	1 207	0.60	0.20	572[b]	502[b]	70	37	2 609	
UPPER MANNVILLE S	460	0.80	0.05	350	303	47	39	1 823	665
GLAUCONITIC III	1 973	0.80	0.10	1 420			39		6 548

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.86	0.250	0.50	5 340	27	0.902	0.59	755.6	1952	1987	CMG PRODUCTION DECLINE
12.19	0.120	0.85	20 820	68	0.867	0.71	2 288.1	1956	1979	CHEL PCI PROGAS BER NONCOMMERCIAL OIL
2.44	0.154	0.55	3 140	16	0.937	0.56	477.1	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.56	0.170	0.55	4 310	17	0.916	0.56	584.9	1904	1987	PART OF MED HAT POOL NO.1
								1904	1983	VECTOR TCPL CWNGNUL PANALTA PROGAS RENENER
2.23	0.203	0.60	7 570	36	0.872	0.60	926.3	1956	1980	VECTOR TCPL PANALTA MATERIAL BALANCE
6.17	0.175	0.60	9 260	29	0.796	0.66	1 064.8	1963	1982	PART OF ELRSL POOL NO.1
2.70	0.200	0.45	9 310	40	0.850	0.61	1 102.5	1964	1984	PART OF ELRSL POOL NO.1
1.85	0.225	0.60	9 340	29	0.826	0.61	1 079.1	1975	1976	PART OF ELRSL POOL NO.1
9.10	0.190	0.55	9 690	42	0.821	0.66	1 069.9	1976	1988	PART OF ELRSL POOL NO.1
2.90	0.100	0.70	9 220	35	0.816	0.65	1 131.8	1987	1988	PART OF ELRSL POOL NO.1
3.68	0.172	0.55	9 720	35	0.796	0.67	1 117.3	1963	1988	PART OF ELRSL POOL NO.1
								1963	1988	VECTOR POCO TCPL PANALTA PROGAS PART OF ELRSL POOL NO.1
2.06	0.200	0.55	8 270	44	0.856	0.64	1 024.2	1971	1990	
13.00	0.075	0.75	29 520	106	0.978	0.63	3 828.2	1979	1989	A&S TCPL GULF BER TOP/BASE TVD
16.38	0.057	0.80	29 700	100	0.974	0.64	3 584.5	1979	1989	A&S TCPL GULF BER TOP/BASE TVD
4.52	0.154	0.55	3 140	16	0.937	0.56	427.6	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.49	0.170	0.55	4 310	17	0.916	0.56	552.0	1904	1989	PART OF MED HAT POOL NO.1
0.82	0.139	0.60	4 450	19	0.916	0.56	535.5	1973	1989	PART OF MED HAT POOL NO.3
0.73	0.139	0.60	4 450	19	0.916	0.56	564.1	1973	1988	PART OF MED HAT POOL NO.4
1.70	0.216	0.60	5 690	27	0.904	0.56	737.9	1944	1987	PART OF 2WS POOL NO.1
								1904	1988	POCO TCPL KANNGAZ PANALTA PROGAS
1.66	0.181	0.60	7 310	31	0.873	0.59	888.6	1951	1988	TCPL
1.12	0.150	0.60	8 470	37	0.868	0.60	1 051.8	1951	1980	TCPL MATERIAL BALANCE
2.45	0.244	0.75	11 000	35	0.819	0.63	1 050.5	1967	1990	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.63		1967	1990	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1967	1990	TCPL CONCURRENT PRODUCTION
3.69	0.240	0.75	10 420	49	0.841	0.64	1 279.2	1972	1986	TCPL KANNGAZ MATERIAL BALANCE
2.74	0.179	0.55	10 000	39	0.816	0.66	1 216.4	1954	1990	PART OF GLAUC POOL NO.6

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
COUNTESS 020-16W4 (CONTINUED)									
UPPER MANNVILLE LL	70	0.75	0.10	48			39		150
GLAUC III&U MANN LL TOTAL	2 043	0.80	0.10	1 468	670	798	39	30 923	
OTHER	7 676			4 712	1 716	2 996		113 119	
TOTAL-COUNTESS	38 819			26 491	9 244	17 247		634 987	
COUTTS 001-16W4									
TOTAL-COUTTS	225			128	1	127		4 730	
COWLICK (SA) 058-06W6									
TOTAL-COWLICK	104			74		74		2 609	
COYOTE 028-15W4									
TOTAL-COYOTE	814			524	261	263		10 094	
CRAIGEND 064-13W4									
VIKING A	9 473	0.40	0.05	3 600	16	3 584	37	132 214	71 292
GRAND RAPIDS H	483	0.75	0.05	344	134	210	37	7 818	252
GRAND RAPIDS P	884	0.75	0.05	630	223	407	37	14 929	1 152
MCMURRAY C	1 578	0.60	0.05	900	643	257	37	9 427	15 108
GROSMONT A	5 613	0.45	0.05	2 400	2 245	155	37	5 752	36 190
OTHER	9 057			5 718	2 595	3 123		115 848	
TOTAL-CRAIGEND	27 088			13 592	5 856	7 736		285 988	
CRAIGMYLE 032-17W4									
BELLY RIVER A	1 448	0.80	0.05	1 100	523	577	37	21 101	9 118
OTHER	2 465			1 562	586	976		36 819	
TOTAL-CRAIGMYLE	3 913			2 662	1 109	1 553		57 920	
CRANBERRY 096-04W6									
BLSK-DETR-DBLT A	2 587	0.70	0.05	1 720	773	947	36	34 518	5 411
SLAVE POINT A	15 148	0.80	0.15	10 300	3 442	6 858	40	275 417	27 124
SLAVE POINT B	1 519	0.79	0.15	1 020	685	335	41	13 862	1 036
GLWD 096-04	612	0.80	0.10	440		440	38	16 870	797
OTHER	651			425		425		16 130	
TOTAL-CRANBERRY	20 517			13 905	4 900	9 005		356 797	
CRANFORD 008-19W4									
TOTAL-CRANFORD	113			74	70	4		139	
CRESSDAY (SA) 003-01W4									
TOTAL-CRESSDAY	62			45		45		1 665	
CROOKED 069-23W4									
TOTAL-CROOKED	584			375	50	325		12 060	
CROSSFIELD 026-01W5									
BASAL QUARTZ A	1 543	0.92	0.19	1 150	998	152	40	6 071	4 175
BASAL QUARTZ C	1 414	0.70	0.15	842	643	199	40	7 866	912
BASAL QUARTZ G	475	0.90	0.15	364	268	96	41	3 928	150
RUNDLE A	31 235	0.92	0.13	25 000	21 770	3 230	40	129 458	13 449
RUNDLE B	31 096	0.92	0.21	22 600	20 677	1 923	40	77 035	8 584
RUNDLE F	2 103	0.85	0.15	1 520	1 100	420	40	16 901	1 654
RUNDLE H	444	0.90	0.15	340	331	9	40	360	200
RUNDLE I	649	0.85	0.15	469	412	57	40	2 286	431
ELTN 12-029-02	549	0.85	0.15	397		397	40	15 936	400
WABAMUN A	37 500	0.75	0.52	13 500	11 216	2 284	36	83 252	29 146
OTHER	5 073			1 634	469	1 165		46 478	
TOTAL-CROSSFIELD	112 081			67 816	57 884	9 932		389 571	
CROSSFIELD EAST 029-01W5									
BASAL QUARTZ A	374	0.90	0.10	303	97	206	38	7 898	631
ELKTON A SOLN	207	0.60	0.20	99[b]			41		
ELKTON A ASSOC	1 756	0.90	0.12	1 390[b]	1 365[b]	124	41	5 065	964
ELKTON D SOLN	516	0.60	0.25	233[b]			42		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
6.90	0.150	0.40	10 000	38	0.817	0.65	1 218.3	1984	1986	PART OF GLAUC POOL NO.6
								1954	1990	TCPL PART OF GLAUC POOL NO.6
2.53	0.270	0.55	3 350	16	0.932	0.57	338.0	1949	1988	VECTOR CNG TCPL CWNGNUL NCO PANALTA PROGAS RENENER PART OF VIK POOL NO.6
8.11	0.300	0.80	2 620	25	0.952	0.56	387.4	1969	1982	CNG PANALTA MATERIAL BALANCE
6.17	0.269	0.80	2 570	18	0.952	0.56	371.2	1967	1990	TCPL MATERIAL BALANCE
2.22	0.264	0.70	2 930	26	0.947	0.57	524.7	1953	1989	CNG TCPL CWNGNUL PANALTA MATERIAL BALANCE
9.90	0.094	0.50	2 830	25	0.948	0.56	501.1	1961	1989	A&S TCPL CWNGNUL NCO PRODUCTION DECLINE
4.05	0.226	0.55	3 100	24	0.941	0.56	588.7	1951	1990	A&S KANNGAZ ATCOR DEVNIC NCO PANALTA OPINAC PROGAS
7.86	0.172	0.80	5 500	30	0.907	0.58	750.0	1973	1987	PANALTA SHELL PART OF BLSKY-DETR-DBLT NO.1 MATERIAL BALANCE
5.78	0.069	0.70	21 270	90	0.833	0.83	2 227.6	1974	1989	ESSO PANALTA PROGAS SHELL
5.23	0.050	0.60	21 470	89	0.818	0.84	2 291.9	1980	1990	AMOCO PROGAS MATERIAL BALANCE
4.07	0.128	0.55	19 550	82	0.885	0.64	2 320.9	1975	1979	PANALTA PROGAS
2.62	0.116	0.70	16 720	71	0.837	0.71	2 229.5	1957	1987	TCPL PRODUCTION DECLINE
5.43	0.112	0.70	17 190	70	0.847	0.68	2 111.2	1966	1990	TCPL PRODUCTION DECLINE
3.39	0.130	0.70	26 820	71	0.864	0.76	2 573.7	1965	1989	PRODUCTION DECLINE
11.75	0.107	0.85	22 900	81	0.875	0.71	2 560.7	1956	1988	A&S TCPL MATERIAL BALANCE PREVIOUS GAS CYCLING
20.72	0.061	0.85	21 110	71	0.830	0.76	2 263.7	1957	1988	TCPL MATERIAL BALANCE
8.20	0.111	0.75	22 720	83	0.874	0.72	2 503.7	1970	1986	A&S MATERIAL BALANCE
12.65	0.115	0.90	22 900	79	0.861	0.75	2 560.2	1961	1989	A&S TCPL PRODUCTION DECLINE
9.39	0.087	0.60	20 880	80	0.865	0.70	2 325.0	1972	1987	TCPL PRODUCTION DECLINE
7.05	0.116	0.80	22 020	75	0.858	0.71	2 520.3	1978	1988	PROGAS
9.30	0.070	0.70	25 030	74	0.752	0.87	2 613.3	1954	1985	TCPL PRODUCTION DECLINE
2.41	0.154	0.80	19 890	60	0.852	0.63	2 305.8	1964	1987	TCPL
						0.74		1960	1989	TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
10.33	0.062	0.80	20 860	77	0.840	0.74	2 269.1	1960	1989	TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
						0.76		1961	1989	TCPL MATERIAL BALANCE CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
CROSSFIELD EAST 029-01W5 (CONTINUED)									
ELKTON D ASSOC	1 675	0.95	0.12	1 400b	1 274b	359	42	15 064	625
ELKTON C	859	0.85	0.10	657	560	97	40	3 909	440
WABAMUN A	33 333	0.80	0.55	12 000	9 997	2 003	37	73 110	24 085
WABAMUN B	1 091	0.75	0.45	450	257	193	39	7 510	3 316
OTHER	1 069			658	186	472		18 807	
TOTAL-CROSSFIELD EAST	40 880			17 190	13 736	3 454		131 363	
CROW (SA) 004-12W4									
TOTAL-CROW	24			16		16		567	
CRYSTAL 046-03W5									
VIKING A SOLN	1 343	0.43	0.15	490	253	237	42	9 838	
VIKING J	1 014	0.80	0.10	730	349	381	40	15 210	1 889
OTHER	821			490		490		19 731	
TOTAL-CRYSTAL	3 178			1 710	602	1 108		44 779	
CULP 079-24W5									
DEBOLT A	778	0.70	0.10	490		490	38	18 551	192
OTHER	2 091			1 447		1 447		53 958	
TOTAL-CULP	2 869			1 937		1 937		72 509	
CUTBANK 064-09W6									
TOTAL-CUTBANK	860			597		597		23 448	
CUTPICK (SA) 060-06W6									
TOTAL-CUTPICK	77			56		56		2 242	
CYGNET 037-28W4									
TOTAL-CYGNET	3 002			1 860	306	1 554		62 342	
CYN-PEM 051-11W5									
ELLERSLIE A	360	0.85	0.10	275			41		929
ROCK CREEK A	1 852	0.75	0.10	1 250			39		3 403
ROCK CREEK A	119	0.75	0.10	80			39		200
ROCK CREEK H	93	0.70	0.10	59			40		200
ROCK CREEK O	156	0.75	0.10	105			40		200
ELRS A& RK CREEK AH&O TOTAL	2 580	0.75	0.10	1 769	503	1 266	40	50 108	
ELLERSLIE D	151	0.75	0.10	102			40		150
ELLERSLIE F		0.75	0.10				40		32
ELLERSLIE G		0.75	0.10				40		32
ROCK CREEK E	136	0.75	0.10	92			41		641
ROCK CREEK F	512	0.75	0.10	346			40		1 856
ROCK CREEK P		0.75	0.10				39		685
ROCK CREEK Q		0.75	0.10				40		343
ELRS & ROCK CK MU#1 TOTAL	799	0.75	0.10	540	193	347			
OTHER	2 104			1 021	112	909		35 863	
TOTAL-CYN-PEM	5 483			3 330	808	2 522		85 971	
CYPRESS (SA) 007-02W4									
TOTAL-CYPRESS	13			8		8		290	
CZAR 041-05W4									
TOTAL-CZAR	972			632	37	595		21 132	
DALEHURST 053-23W5									
TOTAL-DALEHURST	78			56		56		2 172	
DALEMEAD (SA) 022-26W4									
TOTAL-DALEMEAD	353			235		235		8 995	
DAPP 062-26W4									
TOTAL-DAPP	148			100	45	55		2 083	
DARWELL (SA) 054-05W5									
TOTAL-DARWELL	29			19		19		702	
DARWIN 094-18W5									
BLUESKY A	1 057	0.50	0.05	503		503	37	18 837	14 409
OTHER	33			22		22		824	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
10.16	0.106	0.85	20 910	77	0.824	0.76	2 317.4	1961	1989	TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
14.89	0.090	0.80	19 140	77	0.849	0.70	2 313.7	1968	1989	TCPL PRODUCTION DECLINE
9.57	0.055	0.85	24 990	83	0.722	0.99	2 671.0	1960	1986	TCPL PANALTA PROGAS UNIGAS MATERIAL BALANCE
8.90	0.060	0.75	24 890	74	0.741	0.91	2 662.8	1959	1981	TCPL TRIL MATERIAL BALANCE
						0.75		1978	1989	TCPL KANNGAZ AEC PSR PROGAS
5.32	0.137	0.75	10 160	70	0.858	0.67	1 600.5	1976	1989	PSR
14.70	0.176	0.65	12 590	51	0.835	0.64	1 155.0	1973	1990	A&S
2.46	0.118	0.80	16 890	77	0.823	0.71	2 245.5	1974	1988	
4.58	0.093	0.75	17 500	76	0.837	0.71	2 248.0	1973	1989	
5.00	0.100	0.70	16 590	69	0.809	0.75	2 238.3	1987	1989	
3.96	0.110	0.65	16 890	79	0.834	0.72	2 213.1	1979	1989	
5.77	0.130	0.70	13 850	61	0.795	0.73	2 254.5	1980	1984	
								1973	1990	PANALTA POCO PROGAS TCPL
8.00	0.120	0.65	16 770	80	0.838	0.72	2 273.0	1983	1990	
7.20	0.109	0.60	16 750	65	0.802	0.72	2 214.0	1979	1986	PRODUCTION DECLINE
4.57	0.105	0.60	16 750	76	0.822	0.73	2 179.0	1977	1986	PRODUCTION DECLINE
1.83	0.100	0.70	17 460	85	0.839	0.70	2 331.9	1976	1987	
2.67	0.099	0.65	17 250	85	0.854	0.70	2 309.6	1976	1990	
3.86	0.100	0.55	17 020	81	0.888	0.64	2 266.9	1977	1986	PRODUCTION DECLINE
1.37	0.089	0.65	17 000	81	0.843	0.70	2 232.9	1977	1989	PRODUCTION DECLINE
								1976	1990	A&S CANOXY KANNGAZ PANALTA PROGAS TCPL
1.78	0.198	0.65	3 100	21	0.936	0.59	377.0	1976	1977	HUSKY BER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m3	REMAINING ENERGY CONTENT TJ	ha
DARWIN 094-18W5 (CONTINUED)									
TOTAL-DARWIN	1 090			525		525		19 661	
DAVEY 034-27W4									
BELLY RIVER A	520	0.75	0.05	371	357	14	37	520	3 846
OTHER	1 294			745	91	654		24 110	
TOTAL-DAVEY	1 814			1 116	448	668		24 630	
DAWN (SA) 080-26W5									
TOTAL-DAWN	11			5		5		194	
DAWSON 080-16W5									
TOTAL-DAWSON	366			227		227		8 411	
DEADMAN (SA) 082-19W4									
TOTAL-DEADMAN	32			17		17		646	
DEADWOOD 091-23W5									
TOTAL-DEADWOOD	243			162	54	108		3 864	
DEANNE 038-11W5									
TOTAL-DEANNE	360			251	92	159		6 510	
DECRENE 071-02W5									
CLEARWATER A	892	0.80	0.05	678	292	386	37	14 436	3 475
CLEARWATER B	761	0.80	0.05	579	34	545	38	20 574	4 996
OTHER	808			513	159	354		13 111	
TOTAL-DECRENE	2 461			1 770	485	1 285		48 121	
DEEP 065-03W5									
TOTAL-DEEP	74			49		49		1 846	
DEER 024-07W4									
TOTAL-DEER	872			599		599		22 061	
DELIA 032-19W4									
BELLY RIVER A	1 424	0.70	0.05	947	732	215	37	7 906	6 149
OTHER	1 891			1 190	167	1 023		38 192	
TOTAL-DELIA	3 315			2 137	899	1 238		46 098	
DEMAY 048-19W4									
TOTAL-DEMAY	172			110	16	94		3 513	
DERWENT 054-07W4									
TOTAL-DERWENT	313			213	17	196		7 286	
DESMARAIS 080-25W4									
TOTAL-DESMARAIS	157			110		110		4 106	
DEVENISH 075-08W4									
TOTAL-DEVENISH	74			38		38		1 384	
DEVIL 071-15W5									
TOTAL-DEVIL	67			45		45		1 693	
DEWBERRY 053-04W4									
TOTAL-DEWBERRY	254			179		179		6 567	
DICKINS (SA) 120-05W6									
TOTAL-DICKINS	17			12		12		439	
DIMSDALE 071-07W6									
PADDY A	2 224	0.80	0.05	1 690		1 690	38	64 490	1 611
OTHER	194			141		141		5 526	
TOTAL-DIMSDALE	2 418			1 831		1 831		70 016	
DINA 045-01W4									
TOTAL-DINA	497			330		330		11 911	
DINANT 047-19W4									
TOTAL-DINANT	350			235	54	181		6 621	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.69	0.184	0.65	4 090	43	0.931	0.61	1 122.7	1974	1985	KANNGAZ TCPL CWNGNUL PROGAS MATERIAL BALANCE
3.43	0.283	0.60	4 340	30	0.924	0.56	543.8	1976	1989	A&S CANOXY NORCEN PANALTA
1.93	0.279	0.60	4 390	20	0.904	0.60	551.8	1975	1989	ATCOR CANOXY
5.37	0.236	0.55	3 240	22	0.940	0.56	639.4	1976	1988	ESSO A&S TCPL HUSKY PSR NCO PANALTA RENENER
7.45	0.212	0.85	10 490	57	0.879	0.58	1 369.1	1980	1987	A&S ESSO AMOCO PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
DIVIDE 082-13W4									
TOTAL-DIVIDE	712			455	193	262		9 738	
DIXONVILLE 086-01W6									
BLUESKY A	700	0.70	0.05	466	355	111	37	4 086	905
BLUESKY B	109	0.70	0.05	72			37		2 145
GETHING A	823	0.80	0.05	625			37		2 521
BLUESKY B & GETHING A TOTAL	932	0.80	0.05	697	473	224	37	8 384	
OTHER	1 884			1 223	287	936		34 517	
TOTAL-DIXONVILLE	3 516			2 386	1 115	1 271		46 987	
DIZZY (SA) 121-20W5									
TOTAL-DIZZY	16			11		11		412	
DOBSON 029-09W4									
TOTAL-DOBSON	485			319	150	169		6 146	
DOE 081-12W6									
KISKATINAW A	460	0.95	0.05	415			38		387
KISKATINAW A	236	0.75	0.05	168			38		195
KISKATINAW A	115	0.65	0.05	71			38		579
KISKATINAW A TOTAL	811	0.85	0.05	654	247	407	38	15 572	
KISK 12-081-13	713	0.85	0.05	576		576	38	22 049	400
OTHER	232			152	28	124		4 710	
TOTAL-DOE	1 756			1 382	275	1 107		42 331	
DOIG 090-10W6									
TOTAL-DOIG	130			86		86		3 221	
DOLCY 041-04W4									
TOTAL-DOLCY	149			99		99		3 491	
DONALDA 041-18W4									
VIKING A		0.74	0.05				37		2 540
VIKING C		0.74	0.05				37		5 908
VIKING D		0.74	0.05				36		525
VIKING A,C & D TOTAL	622	0.75	0.05	437	417	20	37	736	
LOWER MANNVILLE G	405	0.80	0.05	308	4	304	38	11 452	1 765
OTHER	2 761			1 848	325	1 523		56 960	
TOTAL-DONALDA	3 788			2 593	746	1 847		69 148	
DORENLEE 043-20W4									
TOTAL-DORENLEE	203			127	63	64		2 352	
DORIS 063-06W5									
UPPER MANNVILLE A	497	0.85	0.10	380	7	373	40	14 778	771
OTHER	356			269	9	260		9 738	
TOTAL-DORIS	853			649	16	633		24 516	
DOSBURN (SA) 002-03W4									
TOTAL-DOSBURN	43			30		30		1 110	
DOUCETTE 078-02W5									
TOTAL-DOUCETTE	561			376		376		14 077	
DOWLING LAKE 032-15W4									
TOTAL-DOWLING LAKE	298			207	68	139		5 286	
DRIFTPILE 073-12W5									
TOTAL-DRIFTPILE	43			28		28		1 047	
DRIFTWOOD 077-22W4									
TOTAL-DRIFTWOOD	509			301		301		11 112	
DROWNED 076-23W4									
TOTAL-DROWNED	507			323	193	130		4 849	
DRUMHELLER 029-19W4									
MANNVILLE F SOLN	20	0.65	0.10	12[b]			39		
MANNVILLE F ASSOC	380	0.90	0.10	308[b]	303[b]	17	39	667	1 267
MANNVILLE G	424	0.85	0.10	324	129	195	39	7 566	842
MANNVILLE W	485	0.80	0.10	349	315	34	38	1 306	440
MANNVILLE CC	790	0.80	0.10	569	176	393	38	15 075	2 254

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.67	0.250	0.55	8 230	30	0.867	0.58	784.5	1972	1989	VECTOR PRODUCTION DECLINE
0.64	0.211	0.60	6 070	33	0.903	0.56	727.0	1952	1990	
3.80	0.214	0.65	6 020	34	0.903	0.56	742.3	1952	1990	
								1952	1990	CWNGNUL PANALTA PROGAS
7.12	0.126	0.70	20 730	77	0.889	0.62	2 377.4	1965	1987	
4.72	0.150	0.85	21 490	71	0.884	0.62	2 391.3	1965	1987	
2.49	0.070	0.60	21 100	80	0.895	0.62	2 445.3	1965	1987	
								1965	1990	PROGAS
8.85	0.125	0.85	20 980	79	0.894	0.62	2 481.3	1989	1990	DART
1.31	0.140	0.55	6 280	42	0.908	0.58	997.3	1960	1986	PRODUCTION DECLINE
2.05	0.204	0.60	6 280	42	0.908	0.58	1 010.0	1957	1986	PRODUCTION DECLINE
0.91	0.160	0.55	6 280	42	0.912	0.58	1 037.5	1960	1986	PRODUCTION DECLINE
								1957	1986	ESSO CNG TCPL
2.16	0.187	0.65	8 460	45	0.866	0.64	1 193.3	1986	1989	TCPL
3.87	0.240	0.70	9 000	39	0.828	0.64	982.5	1972	1975	TCPL
						0.65		1950	1989	TCPL CONCURRENT PRODUCTION
2.76	0.150	0.65	9 990	40	0.815	0.65	1 285.8	1950	1989	TCPL CONCURRENT PRODUCTION
2.80	0.239	0.70	9 550	37	0.815	0.66	1 280.9	1964	1983	TCPL
4.70	0.227	0.70	9 770	39	0.836	0.62	1 246.0	1973	1982	POCO TCPL MATERIAL BALANCE
2.74	0.192	0.65	9 970	52	0.851	0.64	1 307.0	1976	1990	A&S TCPL SCEPTRE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS 1 INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	MARKETABLE GAS 4 INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
DRUMHELLER 029-19W4 (CONTINUED)									
MANNVILLE M	396	0.80	0.05	301			40		440
MANNVILLE N	84	0.80	0.05	64			41		150
MANNVILLE M & N TOTAL	480	0.80	0.05	365	344	21	40	836	
OTHER	7 228			4 636	2 299	2 337		90 573	
TOTAL-DRUMHELLER	9 807			6 563	3 566	2 997		116 023	
DUAGH (SA) 055-23W4									
TOTAL-DUAGH	15			10		10		367	
DUHAMEL 045-21W4									
TOTAL-DUHAMEL	1 036			562	145	417		16 079	
DUNCAN 074-15W4									
MCMURRAY F	2 072	0.65	0.05	1 280	497	783	37	29 088	27 210
GROSMONT B	2 871	0.55	0.05	1 500	1 208	292	37	10 778	19 562
OTHER	1 657			1 041	107	934		34 637	
TOTAL-DUNCAN	6 600			3 821	1 812	2 009		74 503	
DUNVEGAN 081-04W6									
GETHING B	1 226	0.55	0.05	640	421	219	38	8 355	2 484
DEBOLT A	4 355	0.80	0.05	3 310			39		11 200
DEBOLT B	19 736	0.80	0.05	15 000			39		13 177
DEBOLT C	12 158	0.80	0.05	9 240			39		10 218
DEBOLT D	189	0.70	0.10	119			39		200
DEBOLT D	40	0.70	0.10	25			39		200
DEBOLT D	241	0.70	0.10	152			39		200
DEBOLT D	186	0.70	0.10	117			39		200
DEBOLT A,B,C & D TOTAL	36 905	0.80	0.05	27 963	16 120	11 843	39	457 258	
OTHER	5 407			3 825	742	3 083		117 337	
TOTAL-DUNVEGAN	43 538			32 428	17 283	15 145		582 950	
DUVERNAY 055-12W4									
VIKING A	1 704	0.40	0.05	648			37		37 319
VIKING M	59	0.40	0.05	23			37		1 780
VIKING A & M TOTAL	1 763	0.40	0.05	671	181	490	37	18 086	
COLONY B	1 680	0.60	0.05	958	159	799	37	29 899	4 920
OTHER	5 393			3 680	985	2 695		100 300	
TOTAL-DUVERNAY	8 836			5 309	1 325	3 984		148 285	
DYBERG 044-23W4									
TOTAL-DYBERG	428			292		292		10 924	
DYSON (SA) 018-05W5									
TOTAL-DYSON	227			153		153		5 675	
EAGLE BUTTE 007-05W4									
TOTAL-EAGLE BUTTE	523			375	38	337		12 381	
EAGLESHAM 077-25W5									
DEBOLT A	542	0.75	0.10	366		366	39	14 270	742
DEBOLT E	92	0.75	0.10	62			39		200
DEBOLT G	375	0.90	0.10	304			39		400
DEBOLT E & G TOTAL	467	0.85	0.10	366	117	249	39	9 616	
WAB 32-077 ASSOC	544	0.80	0.10	392		392	33	12 826	200
WAB 34-077-25	777	0.85	0.15	561		561	33	18 777	200
OTHER	1 488			1 051	293	758		28 609	
TOTAL-EAGLESHAM	3 818			2 736	410	2 326		84 098	
EAGLESHAM NORTH 078-25W5									
TOTAL-EAGLESHAM NORTH	447			293	65	228		8 259	
EARRING 083-08W6									
TOTAL-EARRING	1 499			1 038	55	983		37 506	
EASTMONT 012-27W4									
TOTAL-EASTMONT	152			95	7	88		3 432	
ECONOMY (SA) 068-02W6									
TOTAL-ECONOMY	52			35		35		1 353	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.47	0.170	0.65	10 110	47	0.823	0.67	1 340.2	1969	1990	PRODUCTION DECLINE
6.10	0.200	0.80	10 110	46	0.819	0.65	1 326.9	1969	1990	PRODUCTION DECLINE
								1969	1990	TCPL
2.96	0.286	0.45	2 030	27	0.963	0.57	523.9	1971	1990	NCO
9.89	0.129	0.30	2 050	27	0.963	0.57	580.4	1972	1988	PRODUCTION DECLINE
2.94	0.236	0.75	9 080	41	0.864	0.59	919.4	1971	1989	A&S PRODUCTION DECLINE DEEP CUT SL
2.87	0.153	0.60	13 620	49	0.815	0.65	1 435.6	1963	1990	DEEP CUT SL
9.66	0.166	0.60	14 330	49	0.813	0.65	1 458.0	1963	1990	DEEP CUT SL
7.41	0.160	0.60	15 340	49	0.810	0.65	1 492.6	1952	1989	DEEP CUT SL
6.50	0.130	0.65	15 910	49	0.816	0.63	1 285.9	1972	1990	TP/BS TVD,DPCT SL,ASWELL 13-12-80-3W6
1.20	0.150	0.65	15 910	49	0.817	0.63	1 549.0	1972	1989	DEEP CUT SL
6.70	0.150	0.70	15 910	49	0.821	0.63	1 537.3	1972	1989	DEEP CUT SL, ASSIGNED WELL 1-29-80-2W6
6.60	0.130	0.70	14 700	54	0.826	0.64	1 534.5	1972	1989	DEEP CUT SL, ASSIGNED WELL 6-22-80-3W6
								1952	1989	A&S DEEP CUT SL
0.89	0.246	0.50	3 930	18	0.921	0.57	472.6	1949	1990	PART OF VIK POOL NO.6
0.95	0.201	0.50	3 290	17	0.933	0.58	437.0	1953	1988	PART OF VIK POOL NO.6
								1949	1990	TCPL KANNGAZ CWNGNUL DIRECT MIPL NCO PANALTA PART OF VIK POOL NO.6
3.92	0.279	0.70	4 300	25	0.920	0.57	537.7	1972	1984	KANNGAZ TCPL CWNGNUL DIRECT NCO PANALTA
3.35	0.178	0.75	14 450	47	0.787	0.67	1 370.8	1959	1989	CANOXY A&S PANALTA
2.74	0.140	0.75	15 410	58	0.829	0.64	1 412.0	1976	1982	
4.75	0.160	0.75	15 470	53	0.821	0.64	1 435.8	1952	1990	
								1952	1990	CANOXY PANALTA
23.00	0.068	0.85	22 050	72	0.889	0.73	2 045.5	1988	1988	DIRECT AEC CANOXY BER
58.80	0.040	0.85	22 060	82	0.910	0.73	2 043.5	1988	1989	DIRECT CANOXY BER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
EDBERG 044-19W4									
TOTAL-EDBERG	492			317	7	310		11 491	
EDGERTON 045-04W4									
TOTAL-EDGERTON	1 175			787	361	426		15 214	
EDMONTON (SA) 053-25W4									
TOTAL-EDMONTON	37			23		23		865	
EDRA (SA) 099-25W4									
TOTAL-EDRA	105			70		70		2 442	
EDSON 052-18W5									
CARDIUM C SOLN	1 231	0.65	0.25	600[b]			42		
CARDIUM C ASSOC	2	0.75	0.15	2[b]	422[b]	180	42	7 522	200
CARDIUM K ASSOC	6	0.65	0.10	4[b]			42		64
CARDIUM K SOLN	1 817	0.65	0.10	1 063[b]			42		
CARDIUM&BLUESKY MU#1 TOTAL	1 823	0.65	0.10	1 067[b]	516[b]	551	42	23 170	
VIKING A	847	0.85	0.10	648	631	17	40	676	440
VIKING B	3 704	0.75	0.10	2 500	1 085	1 415	39	55 694	5 314
VIKING D	1 840	0.90	0.10	1 490	1 199	291	39	11 404	1 319
GETHING A	6 750	0.80	0.05	5 130	4 021	1 109	40	44 493	4 029
ROCK CREEK A	544	0.90	0.10	441		441	41	17 953	200
ELKTON A		0.85	0.10				39		45 364
SHUNDA A		0.85	0.10				39		440
SHUNDA B		0.85	0.10				39		440
ELK A, SHUN A & B TOTAL	56 470	0.85	0.10	43 200	38 116	5 084	39	196 039	
BLUERIDGE B	1 716	0.85	0.15	1 240	539	701	39	27 080	3 232
OTHER	4 727			2 865	456	2 409		95 439	
TOTAL-EDSON	79 654			59 183	46 985	12 198		479 470	
EDWAND 060-16W4									
GRAND RAPIDS A	143	0.70	0.05	95			37		1 332
GRAND RAPIDS C	307	0.70	0.05	204			37		1 845
GRAND RAPIDS D	37	0.70	0.05	25			37		200
GRAND RAPIDS F	16	0.75	0.05	11			37		254
GRAND RAPIDS A,C,D&F TOTAL	503	0.70	0.05	335	199	136	37	5 086	
NISKU A	583	0.60	0.05	333	112	221	37	8 212	1 072
NISKU D	1 240	0.60	0.05	707	411	296	36	10 724	1 783
NIS 33-061-16	413	0.85	0.05	333		333	37	12 351	200
OTHER	4 543			2 944	1 148	1 796		67 141	
TOTAL-EDWAND	7 282			4 652	1 870	2 782		103 514	
ELIZA 055-08W4									
TOTAL-ELIZA	482			327		327		12 135	
ELKWATER (SA) 008-04W4									
TOTAL-ELKWATER	17			10		10		359	
ELLERSLIE 051-24W4									
TOTAL-ELLERSLIE	59			37	37				
ELLS (SA) 093-15W4									
TOTAL-ELLS	309			210		210		7 747	
ELLSCOTT 064-21W4									
TOTAL-ELLSCOTT	339			230	10	220		8 268	
ELMWORTH 070-11W6									
CADOTTE A	3 537	0.60	0.10	1 910	310	1 600	39	61 904	7 669
CADOTTE C	910	0.60	0.10	491	2	489	39	18 919	2 391
CADOTTE D	579	0.60	0.10	313	16	297	39	11 565	1 784
FALHER A-2	2 298	0.85	0.15	1 660			40		12 504
FALHER A-4	289	0.75	0.15	184			40		2 479
FALHER A-10	7 613	0.85	0.15	5 500			39		20 277
FALHER B-1	3 378	0.85	0.15	2 440			39		11 996
FALHER C-2	56	0.75	0.15	36			40		250
FALHER C-3	43	0.75	0.20	26			38		250
FALHER A2,4,10,B1C2&3 TOTAL	13 677	0.85	0.15	9 846	5 546	4 300	39	168 216	
FALHER A-1	10 284	0.85	0.15	7 430			39		34 068
FALHER A-5	356	0.70	0.15	212			39		3 849
FALHER A-7	249	0.85	0.15	180			39		2 199

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.78		1972	1989	TCPL A&S GPP
0.13	0.040	0.85	15 910	68	0.765	0.78	1 940.7	1972	1989	TCPL A&S GPP
0.70	0.150	0.75	10 670	59	0.793	0.74	1 938.9	1972	1990	SOLN MU-CARDIUM I,K,P,AA&BLSK A, GPP
						0.74		1972	1990	SOLN MU-CARDIUM I,K,P,AA&BLSK A, GPP
								1972	1987	A&S GPP
3.70	0.130	0.60	39 210	83	1.046	0.65	2 803.0	1974	1989	TCPL PRODUCTION DECLINE DEEP CUT SL
2.51	0.127	0.80	22 150	87	0.890	0.66	2 503.7	1973	1985	TCPL PANALTA MATERIAL BALANCE
3.77	0.163	0.75	21 540	87	0.895	0.63	2 453.3	1966	1990	NRTHRGE ESSO TCPL MATERIAL BALANCE
11.28	0.116	0.75	23 150	83	0.866	0.72	2 536.5	1963	1987	TCPL MATERIAL BALANCE
11.00	0.110	0.75	37 500	76	1.019	0.65	2 904.1	1977	1983	TCPL
6.25	0.101	0.85	26 600	102	0.951	0.65	2 843.2	1962	1984	PRODUCTION DECLINE
4.88	0.034	0.75	26 790	109	0.961	0.64	2 982.1	1964	1981	PRODUCTION DECLINE
4.88	0.040	0.80	26 810	103	0.955	0.64	3 027.7	1964	1981	PRODUCTION DECLINE
								1962	1981	TCPL
3.70	0.067	0.75	30 460	104	0.967	0.68	3 023.6	1978	1990	TCPL HUSKY PROGAS
1.51	0.304	0.60	3 740	22	0.927	0.57	530.2	1951	1982	
2.25	0.297	0.65	3 690	22	0.928	0.57	527.7	1951	1989	
2.40	0.290	0.70	3 790	30	0.933	0.58	539.4	1951	1989	
0.83	0.300	0.65	3 790	30	0.933	0.57	534.8	1951	1988	
								1951	1990	TCPL ATCOR PROGAS
3.43	0.160	0.75	3 440	23	0.936	0.56	647.6	1972	1983	TCPL PRODUCTION DECLINE
16.70	0.161	0.80	3 430	23	0.937	0.57	670.6	1972	1985	AMOCO TCPL PANALTA MATERIAL BALANCE
23.50	0.130	0.85	7 320	26	0.875	0.57	650.2	1981	1990	TCPL
4.03	0.096	0.65	12 870	64	0.862	0.61	1 858.3	1970	1989	AMOCO ESSO TCPL PANALTA PROGAS DEEP CUT SL
3.32	0.106	0.70	12 160	64	0.866	0.61	1 658.0	1978	1985	TCPL PANALTA DEEP CUT SL
3.81	0.093	0.65	12 700	64	0.858	0.62	1 793.5	1978	1990	TCPL PANALTA DEEP CUT SL
2.51	0.070	0.70	15 400	71	0.852	0.64	2 111.9	1977	1990	DEEP CUT SL
2.06	0.058	0.65	15 470	71	0.852	0.64	2 074.6	1978	1985	DEEP CUT SL
5.17	0.078	0.65	15 030	72	0.865	0.63	2 056.5	1977	1989	DEEP CUT SL, NONCOMMERCIAL OIL
4.07	0.079	0.65	13 920	69	0.859	0.63	1 919.2	1955	1990	DEEP CUT SL
3.09	0.080	0.60	15 570	71	0.851	0.63	2 034.0	1977	1988	DEEP CUT SL
1.50	0.080	0.70	22 750	85	0.877	0.72	2 103.8	1978	1988	DEEP CUT SL
								1955	1990	AMOCO A&S HOME ESSO TCPL HUSKY PANALTA PROGAS DEEP CUT SL
4.28	0.081	0.60	14 940	71	0.851	0.64	1 996.8	1970	1989	DEEP CUT SL
1.77	0.060	0.60	14 800	69	0.849	0.63	1 998.5	1976	1987	DEEP CUT SL
2.05	0.064	0.60	14 090	64	0.828	0.67	1 922.1	1978	1987	DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
ELMWORTH 070-11W6 (CONTINUED)									
FALHER A-16	112	0.75	0.15	71			39		1 046
FALHER B-3	3 515	0.85	0.15	2 540			39		8 766
FALHER B-4	5 273	0.85	0.15	3 810			39		13 542
FALHER B-5	16	0.75	0.20	10			41		128
FALHER B-14	212	0.85	0.15	153			39		794
FALHER B-15	216	0.70	0.05	143			38		1 007
FALHER D-2	892	0.85	0.10	682			39		2 876
FALHER D-3	32	0.75	0.15	20			39		250
FALHER MU NO. 1 TOTAL	21 157	0.85	0.15	15 251	8 818	6 433	39	253 267	
FALH 25-069-07	537	0.85	0.15	388		388	40	15 357	500
FALHER B-2	798	0.85	0.15	576	369	207	39	8 131	1 978
FALHER B-9	1 190	0.85	0.15	860	778	82	39	3 221	4 629
FALHER B-11	480	0.75	0.15	306	244	62	40	2 460	250
FALHER B-12	874	0.85	0.15	632	602	30	39	1 178	1 757
BLSK 070-06	1 005	0.80	0.20	643		643	40	25 566	1 191
BLSK 070-05	664	0.90	0.20	478		478	40	19 010	2 039
CADOMIN A	8 286	0.70	0.15	4 930	91	4 839	38	185 382	29 315
HALFWAY A	693	0.70	0.25	364		364	37	13 515	1 058
HALFWAY B	502	0.85	0.20	342	1	341	41	14 032	1 064
OTHER	13 879			8 793	721	8 072		316 090	
TOTAL-ELMWORTH	68 768			46 123	17 498	28 625		1 117 813	
ELNORA 035-22W4									
UPPER MANNVILLE A	610	0.75	0.05	435	350	85	38	3 205	4 004
OTHER	2 269			1 455	454	1 001		38 818	
TOTAL-ELNORA	2 879			1 890	804	1 086		42 023	
EMPRESS 024-02W4									
TOTAL-EMPRESS	251			180		180		6 556	
ENCHANT 014-16W4									
BOW ISLAND I	446	0.80	0.05	339	285	54	35	1 909	6 989
BASAL COLORADO A	780	0.85	0.05	630	584	46	38	1 726	4 375
UPPER MANNVILLE E	808	0.85	0.05	653	88	565	36	20 493	4 088
UPPER MANNVILLE L	527	0.90	0.10	427	49	378	37	13 944	1 830
UPPER MANNVILLE R	1 250	0.85	0.10	957	96	861	37	32 115	870
OTHER	6 019			4 115	1 348	2 767		99 086	
TOTAL-ENCHANT	9 830			7 121	2 450	4 671		169 273	
ENDIANG 035-16W4									
UPPER MANNVILLE B	508	0.65	0.05	314	199	115	38	4 367	608
OTHER	315			216	120	96		3 610	
TOTAL-ENDIANG	823			530	319	211		7 977	
ENDONA (SA) 006-09W4									
TOTAL-ENDONA	18			13		13		494	
ENTICE 028-24W4									
BELLY RIVER P	562	0.60	0.05	320	262	58	37	2 120	1 247
BELLY RIVER B	687	0.90	0.05	587			37		3 359
BELLY RIVER K	624	0.90	0.05	534			36		7 401
BELLY RIVER B & K TOTAL	1 311	0.90	0.05	1 121	1 013	108	37	3 945	
OTHER	1 055			565	326	239		8 675	
TOTAL-ENTICE	2 928			2 006	1 601	405		14 740	
ERITH 048-17W5									
GETHING A	619	0.70	0.10	390	19	371	39	14 469	754
OTHER	592			430		430		17 415	
TOTAL-ERITH	1 211			820	19	801		31 884	
ERSKINE 039-21W4									
BLAIRMORE		0.80	0.10				39		433
BLAIRMORE		0.80	0.10				38		851
BLAIRMORE TOTAL	1 175	0.80	0.10	846	634	212	39	8 211	
D-3 SOLN	537	0.65	0.50	175[b]			37		
D-3 ASSOC	1 063	0.85	0.15	768[b]	499[b]	444	37	16 339	1 106
OTHER	3 415			2 221	729	1 492		56 602	
TOTAL-ERSKINE	6 190			4 010	1 862	2 148		81 152	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.61	0.056	0.50	15 560	76	0.869	0.63	2 248.6	1980	1990	DEEP CUT SL
6.21	0.076	0.65	13 550	69	0.862	0.62	1 846.8	1978	1990	DEEP CUT SL
5.07	0.077	0.65	15 630	69	0.847	0.65	2 053.6	1976	1989	DEEP CUT SL
2.02	0.061	0.70	15 120	81	0.852	0.67	1 995.8	1979	1985	DEEP CUT SL
3.12	0.100	0.65	13 640	69	0.861	0.62	1 937.1	1955	1986	DEEP CUT SL
3.90	0.073	0.55	15 310	82	0.895	0.60	2 376.8	1978	1990	DEEP CUT SL
3.26	0.096	0.65	15 340	66	0.844	0.63	1 959.3	1976	1988	DEEP CUT SL
1.83	0.070	0.70	14 550	70	0.857	0.63	2 016.0	1978	1988	DEEP CUT SL
								1955	1990	AMOCO TCPL PANALTA PROGAS DEEP CUT SL
8.05	0.116	0.75	15 690	70	0.849	0.64	1 689.9	1979	1988	PROGAS DEEP CUT SL
4.88	0.102	0.55	15 150	69	0.855	0.62	1 883.7	1977	1990	TCPL DEEP CUT SL
4.03	0.066	0.65	15 290	69	0.855	0.62	2 127.7	1978	1990	TCPL DEEP CUT SL
5.52	0.080	0.70	14 890	80	0.866	0.64	1 977.0	1981	1989	TCPL MATERIAL BALANCE DEEP CUT SL
5.81	0.080	0.60	15 320	69	0.855	0.62	1 883.5	1979	1989	TCPL PRODUCTION DECLINE DEEP CUT SL
5.23	0.144	0.70	15 620	65	0.821	0.68	1 848.8	1979	1989	DEEP CUT SL
2.80	0.112	0.65	16 250	73	0.836	0.68	1 739.6	1981	1989	PROGAS DEEP CUT SL
4.84	0.051	0.70	18 420	88	0.887	0.65	2 520.7	1977	1990	TCPL PANALTA PROGAS PART OF CDM POOL NO.1 DEEP CUT SL
4.73	0.078	0.70	29 750	89	0.921	0.70	2 642.0	1978	1980	TCPL PROGAS BER
2.95	0.111	0.70	24 130	101	0.891	0.73	2 317.5	1981	1988	PROGAS DEEP CUT SL
1.41	0.186	0.70	8 200	48	0.876	0.62	1 544.7	1969	1987	CNG TCPL
1.05	0.160	0.60	5 940	24	0.899	0.58	717.0	1972	1990	AMOCO SCEPTRE TCPL CWNGNUL HUSKY PANALTA
1.46	0.199	0.70	8 800	30	0.826	0.65	875.7	1968	1989	TCPL MATERIAL BALANCE
1.26	0.197	0.65	10 820	32	0.824	0.63	996.6	1966	1988	ESSO TCPL PANALTA PROGAS NONCOMMERCIAL OIL
1.85	0.208	0.60	10 830	33	0.807	0.66	986.2	1966	1982	TCPL
9.09	0.176	0.70	11 130	32	0.809	0.64	1 001.2	1971	1989	TCPL PANALTA OPINAC
2.89	0.193	0.60	7 880	34	0.857	0.62	1 162.8	1981	1989	A&S PRODUCTION DECLINE NONCOMMERCIAL OIL
5.71	0.235	0.60	2 960	35	0.952	0.57	741.4	1974	1985	TCPL CWNGNUL PRODUCTION DECLINE
7.14	0.228	0.55	2 960	30	0.948	0.58	791.6	1969	1988	MATERIAL BALANCE
2.93	0.215	0.55	3 240	29	0.942	0.58	821.9	1969	1988	PRODUCTION DECLINE
								1969	1988	TCPL CWNGNUL
2.85	0.123	0.80	39 500	91	1.054	0.70	3 077.7	1989	1990	TCPL
2.87	0.177	0.65	9 650	55	0.854	0.66	1 354.5	1952	1980	PRODUCTION DECLINE NONCOMMERCIAL OIL
6.59	0.156	0.70	9 590	53	0.858	0.64	1 352.4	1952	1981	PRODUCTION DECLINE
								1952	1981	TCPL RENENER
						0.74		1952	1986	TCPL CONCURRENT PRODUCTION
9.41	0.075	0.85	15 340	60	0.818	0.74	1 631.2	1952	1986	TCPL CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
ESTHER 031-02W4									
VIKING A ASSOC	1 474	0.80	0.05	1 120		1 120	37	41 586	9 501
UPPER MANNVILLE A	562	0.80	0.05	428	272	156	37	5 764	1 846
BANFF A	911	0.90	0.05	779	742	37	38	1 397	400
OTHER	2 983			2 036	762	1 274		47 762	
TOTAL-ESTHER	5 930			4 363	1 776	2 587		96 509	
ESTUARY 023-22W4									
TOTAL-ESTUARY	605			402	115	287		10 902	
ETHEL LAKE 065-03W4									
GRAND RAPIDS A	569	0.65	0.05	352	248	104	37	3 877	1 334
OTHER	172			106	16	90		3 327	
TOTAL-ETHEL LAKE	741			458	264	194		7 204	
ETZIKOM 006-08W4									
BOW ISLAND A	1 909	0.75	0.05	1 360	1 308	52	37	1 903	10 266
OTHER	250			177	33	144		5 081	
TOTAL-ETZIKOM	2 159			1 537	1 341	196		6 984	
EUREKA (SA) 088-03W6									
TOTAL-EUREKA	95			60		60		2 285	
EVANSBURG (SA) 053-07W5									
TOTAL-EVANSBURG	139			99		99		3 796	
EVERGREEN (SA) 113-23W5									
TOTAL-EVERGREEN	9			5		5		185	
EVI 087-13W5									
TOTAL-EVI	526			258	2	256		7 083	
EWING LAKE 037-21W4									
TOTAL-EWING LAKE	306			156	99	57		2 077	
EXCELSIOR 056-24W4									
TOTAL-EXCELSIOR	843			563	340	223		8 503	
EXPANSE 088-04W6									
TOTAL-EXPANSE	132			88	1	87		3 238	
EYEHILL 041-06W4									
TOTAL-EYEHILL	123			79		79		2 800	
EYREMORE 018-18W4									
BOW ISLAND A	550	0.80	0.05	418	328	90	36	3 248	2 780
OTHER	1 188			797	160	637		23 380	
TOTAL-EYREMORE	1 738			1 215	488	727		26 628	
FAIRYDELL-BON ACCORD 057-24W4									
UPPER VIKING A	1 107	0.95	0.04	1 010			38		12 184
MIDDLE VIKING A	3 070	0.95	0.04	2 800			38		9 556
MIDDLE VIKING B	560	0.95	0.04	511			38		1 865
U VIK A & M VIK AB TOTAL	4 737	0.95	0.05	4 321	3 411	910	38	34 262	
BASAL MANNVILLE A SOLN	11	0.65	0.10	6[b]			37		
BASAL MANNVILLE A ASSOC	457	0.90	0.10	370[b]	218[b]	158	37	5 914	1 039
BASAL MANNVILLE C SOLN	96	0.65	0.05	59[b]			36		
BASAL MANNVILLE C ASSOC	604	0.90	0.10	490[b]	423[b]	126	36	4 554	296
OTHER	760			443	112	331		12 444	
TOTAL-FAIRYDELL-BON ACCORD	6 665			5 689	4 164	1 525		57 174	
FAITH (SA) 003-12W4									
TOTAL-FAITH	105			75		75		2 749	
FARMINGTON 080-11W6									
KISKATINAW A	952	0.85	0.05	769	346	423	37	15 858	400
OTHER	494			352	98	254		9 650	
TOTAL-FARMINGTON	1 446			1 121	444	677		25 508	

10 AVERAGE PAY THICKNESS (m)	11 POROSITY (frac)	12 GAS SATN (frac)	13 INITIAL PRESSURE (kPa)	14 TEMP (°C)	15 COMPRESS (frac)	16 RAW GAS RELATIVE DENSITY (frac)	17 MEAN FORMATION DEPTH (m)	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.81	0.218	0.55	6 470	24	0.869	0.61	696.9	1969	1990	RENENER UNIGAS
2.08	0.279	0.65	7 450	27	0.875	0.57	752.8	1969	1989	POCO MIPL
5.81	0.190	0.70	8 130	29	0.855	0.59	849.8	1957	1986	GULF MATERIAL BALANCE
3.73	0.283	0.70	2 080	14	0.956	0.56	354.6	*1966	1989	PRODUCTION DECLINE
3.05	0.196	0.65	5 550	25	0.896	0.59	680.1	1951	1967	CTYMEDH MATERIAL BALANCE
2.61	0.200	0.45	7 830	29	0.876	0.57	953.0	1953	1986	TCPL PANALTA RENENER
1.41	0.240	0.50	5 110	27	0.902	0.59	799.4	1947	1990	PART OF VIK POOL NO.1
3.23	0.200	0.60	5 820	25	0.886	0.60	808.3	1947	1989	PART OF VIK POOL NO.1 MATERIAL BALANCE
2.79	0.233	0.50	5 820	37	0.897	0.60	776.8	1947	1984	PART OF VIK POOL NO.1 MATERIAL BALANCE
								1947	1990	CWNGNUL NORCEN RENENER PART OF VIK POOL NO.1
						0.63		1951	1990	CWNGNUL CONCURRENT PRODUCTION
5.51	0.204	0.55	7 070	43	0.895	0.63	1 028.0	1951	1990	CWNGNUL CONCURRENT PRODUCTION
						0.63		1965	1989	TCPL NORCEN PANALTA PRODUCTION DECLINE CONCURRENT PRODUCTION
6.22	0.215	0.75	7 310	42	0.887	0.63	1 055.0	1965	1989	TCPL NORCEN PANALTA PRODUCTION DECLINE CONCURRENT PRODUCTION
11.85	0.159	0.70	21 510	93	0.926	0.59	2 315.1	1977	1989	PANALTA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
FARRELL 034-16W4									
TOTAL-FARRELL	327			223	97	126		4 696	
FARROW 020-24W4									
TOTAL-FARROW	809			511	40	471		18 100	
FAWCETT (SA) 075-21W4									
TOTAL-FAWCETT	34			19		19		708	
FENN WEST 036-20W4									
TOTAL-FENN WEST	1 967			1 197	316	881		33 940	
FENN-BIG VALLEY 035-20W4									
BELLY RIVER J	527	0.65	0.05	326	271	55	36	1 982	2 424
VIKING B	819	0.80	0.10	590	563	27	39	1 050	8 105
D-2 A ASSOC	46	0.75	0.30	25			42		65
D-2 A SOLN	6 160	0.64	0.55	1 774			42		
D-2 A ASSOC	19	0.75	0.30	10			42		78
D-2 A ASSOC	33	0.75	0.30	18			42		53
D-2 A ASSOC	268	0.75	0.30	141			42		190
D-2 A ASSOC	125	0.75	0.30	66			42		199
D-2 A TOTAL	6 651	0.65	0.55	2 034	1 745	289	42	12 005	
OTHER	3 094			1 753	477	1 276		47 890	
TOTAL-FENN-BIG VALLEY	11 091			4 703	3 056	1 647		62 927	
FERGUSON 003-17W4									
TOTAL-FERGUSON	30			21		21		799	
FERINTOSH 044-21W4									
TOTAL-FERINTOSH	1 229			813	188	625		23 757	
FERRIER 039-08W5									
CARDIUM E SOLN	6 197	0.17	0.20	842[b]			41		
CARDIUM E ASSOC	12 079	0.90	0.15	9 240[b]	8 452[b]	1 630	41	66 700	4 757
CARDIUM D ASSOC		0.85	0.10				41		1 992
CARDIUM D SOLN	3 194	0.21	0.15	570[b]			41		
CARDIUM D ASSOC		0.85	0.10				40		1 791
CARDIUM D ASSOC		0.85	0.10				41		508
CARDIUM D ASSOC		0.85	0.10				41		1 266
CARDIUM D TOTAL	7 508	0.60	0.10	3 870[b]	3 841[b]	29	41	1 188	
CARDIUM G ASSOC	32	0.75	0.15	20[b]			42		319
CARDIUM G SOLN	4 408	0.28	0.15	1 049[b]			42		
CARDIUM G & L TOTAL	4 440	0.30	0.15	1 069[b]	909[b]	160	42	6 683	
CARDIUM Q	993	0.90	0.10	805			40		1 630
CARDIUM Z	206	0.85	0.10	158			40		1 314
CARDIUM Q & Z TOTAL	1 199	0.90	0.10	963	165	798	40	31 728	
CARDIUM FF	246	0.80	0.10	177			40		883
CARDIUM II	182	0.75	0.10	123			41		400
CARDIUM FF & II TOTAL	428	0.80	0.10	300	156	144	40	5 820	
CARDIUM N ASSOC	360	0.85	0.10	275[b]			41		440
CARDIUM N SOLN	786	0.65	0.15	434[b]			41		
CARDIUM B,N & VIK A TOTAL	1 146	0.70	0.15	709[b]	652[b]	57	41	2 326	
GLAUCONITIC B	580	0.88	0.10	459	287	172	40	6 842	256
PEK 02-043-10	501	0.75	0.20	301		301	39	11 601	200
OTHER	7 318			4 974	405	4 569		178 556	
TOTAL-FERRIER	41 396			22 727	14 867	7 860		311 444	
FERRYBANK 044-27W4									
BELLY RIVER C ASSOC	2 026	0.80	0.05	1 540[b]			37		7 373
BELLY RIVER C SOLN	532	0.65	0.50	173[b]			37		
BELLY RIVER G	4	0.60	0.05	2[b]			36		64
BELLY RIVER H	5	0.60	0.05	3[b]			36		64
BELLY RIVER C, G & H TOTAL	2 567	0.75	0.15	1 718[b]	867[b]	851	37	31 555	
VIKING A	1 307	0.60	0.20	627	196	431	46	19 787	8 392
GLAUCONITIC A	1 429	0.70	0.10	900	487	413	39	16 293	5 528
LOWER MANNVILLE I SOLN	12	0.65	0.10	7[b]			40		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.99	0.255	0.55	3 030	21	0.944	0.57	638.0	1951	1990	CWNGNUL ATCOR GULF PART OF BR POOL NO.3
1.42	0.140	0.55	7 240	41	0.857	0.66	1 171.9	1952	1987	GULF ESSO TCPL CWNGNUL PANALTA PART OF VIK POOL NO.4 PRODUCTION DECLINE
4.48	0.111	0.85	12 750	48	0.668	0.94	1 599.0	1950	1988	
						0.94		1950	1988	
2.09	0.090	0.75	12 750	48	0.668	0.94	1 573.6	1950	1984	
3.89	0.110	0.85	12 750	48	0.668	0.94	1 596.6	1950	1984	
7.79	0.126	0.85	12 750	48	0.668	0.94	1 589.9	1950	1985	
3.96	0.110	0.85	12 750	48	0.668	0.94	1 578.3	1950	1984	
								1950	1990	CWNGNUL ATCOR
						0.79		1965	1987	CONCURRENT PRODUCITON
9.23	0.140	0.85	21 820	65	0.794	0.79	2 068.3	1965	1987	CONCURRENT PRODUCITON
2.06	0.157	0.90	21 820	70	0.816	0.75	2 051.0	1963	1986	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.75		1963	1986	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.86	0.177	0.90	21 820	70	0.819	0.75	2 025.7	1963	1984	PRODUCTION DECLINE
0.88	0.157	0.90	21 820	70	0.827	0.71	2 052.4	1963	1984	PRODUCTION DECLINE
1.55	0.104	0.75	21 820	70	0.833	0.70	2 051.6	1963	1984	PRODUCTION DECLINE
								1963	1989	ESSO TCPL A&S CONCURRENT PRODUCTION
0.68	0.090	0.70	21 170	60	0.776	0.76	2 057.1	1966	1984	SOLN MU-CARDIUM G&L, GPP
						0.76		1966	1984	SOLN MU-CARDIUM G&L, GPP
								1966	1986	A&S TCPL HUSKY ESSO NCO GPP
2.86	0.126	0.80	22 000	73	0.856	0.68	2 250.7	1969	1984	
1.84	0.067	0.55	22 570	62	0.829	0.69	2 303.2	1975	1983	
						0.68		1969	1984	NORCEN TCPL AMERADA PANALTA PROGAS
1.72	0.090	0.75	24 110	63	0.851	0.67	2 316.3	1956	1987	
3.65	0.099	0.75	16 460	70	0.813	0.70	2 272.3	1956	1988	
								1956	1987	TCPL PANALTA PROGAS
2.40	0.126	0.90	22 340	83	0.845	0.75	2 232.7	1955	1989	PRODUCTION DECLINE SOLN MU-CARDIUM B.N & VIK A, CONC PR
						0.75		1955	1989	PRODUCTION DECLINE SOLN MU-CARDIUM B.N & VIK A, CONC PR
								1955	1989	A&S TCPL GPP
7.16	0.075	0.60	33 880	90	0.989	0.66	2 725.4	1984	1989	ESSO PRODUCTION DECLINE
12.80	0.110	0.80	24 360	78	0.887	0.68	2 914.2	1966	1982	AMERADA PROGAS BER
3.95	0.202	0.55	5 600	35	0.904	0.60	907.6	1955	1989	MATERIAL BALANCE CONC PROD, SOLN MU - BELLY R C,G&H
						0.60		1955	1989	MATERIAL BALANCE CONC PROD, SOLN MU - BELLY R C,G&H
2.00	0.180	0.45	3 400	26	0.936	0.59	786.8	1986	1989	
1.90	0.200	0.45	4 110	27	0.924	0.59	857.9	1986	1989	
								1955	1989	TCPL PANALTA SOQUIP CONCURRENT PRODUCTION
1.89	0.132	0.55	8 060	45	0.635	0.96	1 440.3	1955	1981	TCPL PANALTA
4.40	0.139	0.50	11 940	64	0.835	0.68	1 564.4	1954	1990	A&S TCPL METHON SOQUIP PANALTA POCO PROGAS SCEPTRE PART OF GLAUC POOL NO.3 PRODUCTION DECLINE
						0.68		1981	1989	A&S TCPL CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
FERRYBANK 044-27W4 (CONTINUED)									
LOWER MANNVILLE I ASSOC	497	0.80	0.10	358[b]	270[b]	95	40	3 797	612
LOWER MANNVILLE F	432	0.85	0.10	330	249	81	40	3 222	502
LOWER MANNVILLE S	1 293	0.85	0.10	989	285	704	40	27 878	2 566
LOWER MANNVILLE A		0.90	0.10				40		1 190
LOWER MANNVILLE B		0.90	0.10				40		1 214
LOWER MANNVILLE A & B TOTAL	765	0.90	0.10	620	590	30	40	1 190	
BANFF A	380	0.90	0.10	308	273	35	40	1 394	647
OTHER	3 658			2 516	547	1 969		77 811	
TOTAL-FERRYBANK	12 340			8 373	3 764	4 609		182 927	
FIGURE LAKE 063-18W4									
UPPER MANNVILLE B		0.65	0.04				37		735
UPPER MANNVILLE Y		0.75	0.05				38		179
UPPER MANNVILLE CC		0.70	0.05				38		305
D-2 B		0.50	0.05				37		8 074
UPPER MANN B,Y,CC&D-2 TOTAL	2 515	0.65	0.05	1 570	1 419	151	37	5 646	
OTHER	4 751			3 040	972	2 068		77 186	
TOTAL-FIGURE LAKE	7 266			4 610	2 391	2 219		82 832	
FINDLEY 057-06W6									
NORD 057-06	624	0.85	0.15	451		451	38	16 944	528
OTHER	1 840			1 266		1 266		47 893	
TOTAL-FINDLEY	2 464			1 717		1 717		64 837	
FIR 058-21W5									
GETHING A	1 032	0.75	0.10	697		697	39	27 002	2 443
JUR SYS 04-057-20	655	0.85	0.15	473		473	37	17 298	200
TRIASSIC C	9 974	0.80	0.07	7 420	3 252	4 168	38	159 051	22 527
D-3 A	3 556	0.45	0.25	1 200	644	556	37	20 655	1 080
D-3 B	921	0.85	0.25	587	26	561	37	20 841	128
LED 34-057-21	4 214	0.70	0.20	2 360		2 360	37	88 146	128
OTHER	2 958			1 924		1 924		74 456	
TOTAL-FIR	23 310			14 661	3 922	10 739		407 449	
FIRE 113-07W6									
TOTAL-FIRE	516			329	12	317		12 015	
FISHER 068-05W4									
TOTAL-FISHER	2 518			1 307	22	1 285		47 413	
FLAT 066-20W4									
WABISKAW-WABAMUN A		0.70	0.05				37		6 640
WABISKAW-WABAMUN A		0.70	0.05				37		8 138
WABISKAW-WABAMUN A TOTAL	5 564	0.70	0.05	3 700	2 678	1 022	37	37 712	
OTHER	1 541			1 008	241	767		28 399	
TOTAL-FLAT	7 105			4 708	2 919	1 789		66 111	
FLOOD 085-25W5									
TOTAL-FLOOD	279			175	87	88		3 278	
FLUME 062-05W5									
TOTAL-FLUME	38			28		28		1 095	
FOLEY LAKE (SA) 066-06W5									
TOTAL-FOLEY LAKE	113			86		86		3 324	
FOREMOST 006-11W4									
BOW ISLAND	566	0.93	0.05	500	433	67	36	2 430	6 038
OTHER	71			46	5	41		1 436	
TOTAL-FOREMOST	637			546	438	108		3 866	
FORESTBURG 042-15W4									
UPPER MANNVILLE R	832	0.75	0.05	593	88	505	37	18 645	1 446
OTHER	3 422			2 248	575	1 673		61 687	
TOTAL-FORESTBURG	4 254			2 841	663	2 178		80 332	
FORSYTH 062-06W4									
TOTAL-FORSYTH	1 014			643	39	604		22 412	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.79	0.191	0.70	12 490	65	0.828	0.68	1 667.4	1981	1989	A&S TCPL CONCURRENT PRODUCTION
2.39	0.160	0.80	12 710	45	0.775	0.70	1 587.7	1970	1984	TCPL MATERIAL BALANCE NONCOMMERCIAL OIL
3.26	0.166	0.70	12 450	63	0.792	0.78	1 636.4	1980	1990	A&S TCPL PANALTA SOQUIP SCEPTRE
2.36	0.205	0.75	13 340	63	0.803	0.73	1 710.3	1971	1985	MATERIAL BALANCE
2.25	0.213	0.70	13 340	63	0.803	0.73	1 731.1	1971	1985	MATERIAL BALANCE
								1971	1984	TCPL PANALTA
3.23	0.114	0.70	12 790	63	0.828	0.67	1 679.3	1958	1990	TCPL MATERIAL BALANCE
3.75	0.269	0.65	3 540	19	0.929	0.56	543.4	1958	1988	PRODUCTION DECLINE
1.60	0.259	0.70	3 410	19	0.931	0.57	534.5	1987	1988	PRODUCTION DECLINE
1.62	0.310	0.75	3 410	19	0.931	0.57	542.3	1987	1988	PRODUCTION DECLINE
7.04	0.170	0.60	3 540	24	0.935	0.56	677.5	1955	1990	PRODUCTION DECLINE
								1955	1988	METHON ESSO TCPL RENENER
7.82	0.112	0.55	28 530	77	0.945	0.61	2 375.8	1975	1988	CANOXY BER TOP/BASE TVD
3.52	0.106	0.70	18 130	92	0.873	0.71	2 642.8	1972	1981	TCPL PROGAS
16.60	0.120	0.85	21 650	81	0.899	0.71	2 742.8	1980	1980	MOBIL PROGAS
2.28	0.100	0.80	22 940	100	0.937	0.61	2 660.5	1972	1987	A&S TCPL MOBIL PANALTA PROGAS MATERIAL BALANCE DEEP CUT SL
24.74	0.067	0.85	30 710	117	0.958	0.69	3 353.2	1974	1985	TCPL KANNGAZ PSR PANALTA PROGAS
42.00	0.080	0.90	31 170	115	0.960	0.69	3 372.8	1980	1989	A&S PANALTA PROGAS
197.03	0.082	0.85	33 380	121	1.005	0.66	3 518.5	1988	1989	GULF
3.54	0.222	0.65	3 340	27	0.939	0.57	567.9	1956	1988	MATERIAL BALANCE
13.29	0.222	0.35	3 380	27	0.939	0.57	574.0	1956	1988	MATERIAL BALANCE
								1956	1988	TCPL PANALTA
1.52	0.240	0.70	4 830	27	0.918	0.57	670.3	1923	1981	CWNGNUL MATERIAL BALANCE
3.96	0.243	0.75	7 610	35	0.881	0.59	1 050.6	1982	1989	TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
FORT ASSINIBOINE 062-04W5									
TOTAL-FORT ASSINIBOINE	409			283		283		10 945	
FORT KENT 061-04W4									
TOTAL-FORT KENT	1 954			1 162	602	560		20 839	
FORT SASKATCHEWAN 054-22W4									
UPPER VIKING A		0.87	0.03				36		3 055
MIDDLE VIKING A		0.87	0.03				36		12 842
U VIK A & M VIK A TOTAL	9 124	0.85	0.05	7 700	7 538	162	36	5 890	
OTHER	266			172	19	153		5 678	
TOTAL-FORT SASKATCHEWAN	9 390			7 872	7 557	315		11 568	
FORTY MILE 007-09W4									
LOWER MANNVILLE E	1 932	0.85	0.05	1 560	1 068	492	36	17 894	6 716
OTHER	772			541	116	425		15 291	
TOTAL-FORTY MILE	2 704			2 101	1 184	917		33 185	
FOSTER (SA) 033-27W4									
TOTAL-FOSTER	185			126		126		4 979	
FOURTH 082-09W6									
TOTAL-FOURTH	720			488		488		18 464	
FOX CREEK 061-18W5									
VIKING A	4 519	0.90	0.10	3 660	2 773	887	39	34 815	6 794
GETHING D	223	0.75	0.05	159[b]			39		150
GETHING H ASSOC	5 909	0.75	0.05	4 210[b]			39		10 031
GETHING H SOLN	39	0.65	0.30	18[b]			39		
GETHING D & H TOTAL	6 171	0.75	0.05	4 387[b]	784[b]	3 603	39	140 085	
OTHER	2 545			1 321	342	979		38 315	
TOTAL-FOX CREEK	13 235			9 368	3 899	5 469		213 215	
FRANCIS 073-22W4									
WABAMUN A	516	0.65	0.05	318		318	37	11 776	440
OTHER	410			264		264		9 754	
TOTAL-FRANCIS	926			582		582		21 530	
FRANCIS SOUTH 072-21W4									
TOTAL-FRANCIS SOUTH	167			99		99		3 425	
FRENCH (SA) 064-01W5									
TOTAL-FRENCH	181			125		125		4 692	
FURNESS (SA) 048-23W4									
TOTAL-FURNESS	75			52		52		1 993	
GADSBY 037-19W4									
BELLY RIVER J	2 526	0.65	0.05	1 560	632	928	37	34 141	10 272
OTHER	1 560			1 022	296	726		26 848	
TOTAL-GADSBY	4 086			2 582	928	1 654		60 989	
GAGE 082-03W6									
TOTAL-GAGE	605			415		415		15 615	
GALAHAD 040-15W4									
TOTAL-GALAHAD	1 060			682	1	681		24 069	
GAMBLER 070-21W4									
TOTAL-GAMBLER	1 244			763	191	572		21 356	
GARDEN PLAINS 033-13W4									
SECOND WHITE SPECKS E	1 242	0.65	0.05	766		766	37	28 242	4 096
OTHER	1 652			1 144	327	817		30 766	
TOTAL-GARDEN PLAINS	2 894			1 910	327	1 583		59 008	
GARDNER (SA) 090-18W5									
TOTAL-GARDNER	31			22		22		800	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
0.80	0.280	0.50	5 550	33	0.905	0.60	731.7	1917	1990	PART OF VIK POOL NO.2 MATERIAL BALANCE
6.43	0.213	0.60	5 550	33	0.905	0.60	791.6	1917	1990	PART OF VIK POOL NO.2 MATERIAL BALANCE
								1917	1990	CWNGNUL NCO RENENER PART OF VIK POOL NO.2
2.20	0.196	0.60	10 070	30	0.850	0.58	932.8	1965	1990	TCPL KANNGAZ CWNGNUL NCO PANALTA
3.67	0.144	0.60	10 160	60	0.846	0.67	1 712.7	1957	1989	A&S TCPL MATERIAL BALANCE
11.00	0.140	0.55	14 410	28	0.777	0.62	1 980.6	1967	1990	PART OF GETHING POOL NO.1
5.22	0.131	0.65	14 110	75	0.870	0.63	1 941.2	1957	1989	PART OF GETHING POOL NO.1 CONC PROD, SOLN MU-GETH D&H
						0.63		1957	1989	PART OF GETHING POOL NO.1 CONC PROD, SOLN MU-GETH D&H
								1957	1989	A&S PROGAS TCPL PART OF GETHING POOL NO.1 CONCURRENT PRODUCTION
23.75	0.250	0.80	2 420	20	0.952	0.57	548.7	1965	1983	BER
4.93	0.253	0.65	3 030	27	0.947	0.56	621.4	1951	1990	A&S POCO CWNGNUL ATCOR UNIGAS PART OF BR POOL NO.3
3.40	0.140	0.50	5 970	31	0.903	0.57	832.6	1953	1990	PART OF 2WS POOL NO.2

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE	POOL RECOVERY	SURFACE LOSS	INITIAL ESTABLISHED RESERVES	NET CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	GROSS HEAT VALUE	REMAINING ENERGY CONTENT	AREA
	10^6m^3	frac	frac	10^6m^3	10^6m^3	10^6m^3	MJ/m^3	TJ	ha
GARRINGTON 034-04W5									
VIKING A ASSOC	408	0.70	0.10	257[b]			39		4 699
VIKING A SOLN	741	0.65	0.15	410[b]			39		
VIKING A ASSOC	17	0.60	0.10	9[b]			39		200
VIKING A ASSOC	15	0.55	0.10	7[b]			39		200
VIKING A ASSOC	11	0.55	0.10	5[b]			39		200
VIKING A ASSOC	15	0.55	0.10	7[b]			39		200
VIKING A ASSOC	18	0.60	0.10	10[b]			39		128
VIKING A TOTAL	1 225	0.65	0.15	705[b]	263[b]	442	39	17 349	
VIKING P	554	0.85	0.10	424	285	139	40	5 591	622
MANNVILLE B SOLN	4 000	0.80	0.25	2 400	2 392	8	42	336	
MANNVILLE D SOLN	289	0.65	0.25	141[b]			41		
MANNVILLE D ASSOC	962	0.80	0.10	693[b]	656[b]	178	41	7 277	2 345
MANNVILLE R	200	0.75	0.10	135			40		250
LOWER MANNVILLE ZZ	526	0.85	0.15	380			41		250
MANN R & L MANN ZZ TOTAL	726	0.80	0.15	515	14	501	41	20 471	
ELKTON E	1 827	0.85	0.15	1 320	1 214	106	40	4 267	1 162
WABAMUN A SOLN	1 753	0.65	0.33	763[b]			39		
WABAMUN A ASSOC	8 709	0.85	0.33	4 960[b]	4 536[b]	1 187	39	45 794	13 888
LEDUC D SOLN	48	0.65	0.40	19[b]			40		
LEDUC D ASSOC	769	0.80	0.25	461[b]	25[b]	455	40	18 064	128
LED 10-035-04	837	0.80	0.20	536		536	40	21 177	200
OTHER	12 592			7 444	1 584	5 860		236 662	
TOTAL-GARRINGTON	34 291			20 381	10 969	9 412		376 988	
GARTH 064-06W4									
TOTAL-GARTH	432			261	69	192		7 148	
GARTLEY 031-18W4									
TOTAL-GARTLEY	603			385	111	274		10 342	
GATOR 118-03W6									
TOTAL-GATOR	115			73		73		2 770	
GAYFORD 026-25W4									
TOTAL-GAYFORD	1 369			805	411	394		14 546	
GENESEE 050-03W5									
TOTAL-GENESEE	325			228	4	224		8 881	
GEORGE 082-05W6									
KISKATINAW D	785	0.85	0.10	600	359	241	39	9 346	2 334
OTHER	552			385	28	357		13 388	
TOTAL-GEORGE	1 337			985	387	598		22 734	
GERE 062-08W5									
TOTAL-GERE	110			74		74		2 866	
GERMAIN (SA) 085-22W4									
TOTAL-GERMAIN	27			13		13		479	
GHOST PINE 031-22W4									
UPPER MANNVILLE V SOLN	144	0.65	0.10	85[b]			40		
UPPER MANNVILLE V ASSOC	287	0.80	0.05	219[b]	114[b]	190	40	7 520	444
UPPER MANNVILLE Q ASSOC	664	0.80	0.10	478[b]			40		1 129
UPPER MANNVILLE Y		0.75	0.10				40		6 935
UPPER MANNVILLE FF		0.75	0.10				40		8 320
UPPER MANN Q,Y & FF TOTAL	5 842	0.75	0.10	4 061[b]	2 530[b]	1 531	40	61 026	
UPPER MANNVILLE C		0.75	0.10				40		2 351
UPPER MANNVILLE U		0.85	0.10				39		971
UPPER MANNVILLE ZZZ		0.85	0.10				40		467
LOWER MANNVILLE A ASSOC		0.75	0.10				40		368
LOWER MANNVILLE A SOLN	40	0.60	0.20	19[b]			40		
LOWER MANNVILLE H ASSOC		0.75	0.10				40		150
U&L MANNVILLE MU. #1 TOTAL	1 739	0.85	0.10	1 319[b]	1 206[b]	113	40	4 519	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.68	0.089	0.65	8 920	58	0.858	0.67	1 996.6	1977	1987	CONCURRENT PRODUCTION
						0.67		1977	1987	CONCURRENT PRODUCTION
1.82	0.084	0.65	8 920	63	0.866	0.67	2 132.1	1977	1988	ASSIGNED WELL 14-32-034-03W5M
1.70	0.080	0.75	7 660	61	0.878	0.67	2 127.4	1977	1988	ASSIGNED WELL 06-30-035-03W5M
1.14	0.092	0.75	7 660	65	0.884	0.67	2 170.6	1977	1988	ASSIGNED WELL 10-13-035-04W5M
2.32	0.067	0.65	7 660	64	0.882	0.67	2 148.5	1977	1988	ASSIGNED WELL 01-25-035-04W5M
2.66	0.102	0.65	8 510	74	0.886	0.67	2 104.6	1977	1987	ASSIGNED WELL 06-20-035-03W5M
								1977	1987	ESSO VECTOR DEKALB TCPL PSR PANALTA PROGAS CONCURRENT PRODUCTION
2.68	0.137	0.75	20 830	73	0.852	0.66	2 360.3	1979	1990	ESSO KANNGAZ NORCEN MATERIAL BALANCE
						0.77		1963	1988	A&S TCPL CWNGNUL
						0.72		1968	1988	GULF ESSO TCPL DIRECT PANALTA PROGAS CONCURRENT PRODUCTION
2.00	0.109	0.75	27 750	78	0.896	0.72	2 437.8	1968	1988	GULF ESSO TCPL DIRECT PANALTA PROGAS CONCURRENT PRODUCTION
3.60	0.129	0.85	20 550	73	0.834	0.71	2 505.9	1979	1989	
9.60	0.120	0.85	21 300	74	0.813	0.76	2 536.1	1979	1989	
								1979	1989	ESSO PROGAS
6.88	0.122	0.85	24 530	85	0.884	0.73	2 633.0	1983	1990	GULF ESSO DIRECT AMOCO PROGAS
						0.77		1952	1985	TCPL PROGAS MATERIAL BALANCE CONCURRENT PRODUCTION
8.47	0.045	0.80	24 720	74	0.856	0.77	2 642.0	1952	1985	TCPL PROGAS MATERIAL BALANCE CONCURRENT PRODUCTION
						0.77		1985	1990	GULF CONCURRENT PRODUCTION
45.00	0.068	0.85	25 510	89	0.868	0.77	2 966.3	1985	1990	GULF CONCURRENT PRODUCTION
35.50	0.070	0.90	20 590	93	0.855	0.78	3 136.8	1985	1989	TOP/BASE TVD
2.10	0.143	0.75	14 630	61	0.834	0.65	1 460.8	1973	1987	A&S TCPL
						0.71		1956	1987	TCPL CONCURRENT PRODUCTION, OIL DEPLETED
3.64	0.214	0.75	10 410	55	0.817	0.71	1 486.2	1956	1987	TCPL CONCURRENT PRODUCTION, OIL DEPLETED
4.54	0.184	0.65	10 340	55	0.828	0.68	1 466.8	1967	1987	
2.26	0.166	0.60	10 570	57	0.833	0.68	1 502.4	1966	1987	MATERIAL BALANCE
2.56	0.201	0.65	10 570	57	0.833	0.68	1 490.5	1961	1987	MATERIAL BALANCE
								1961	1987	TCPL KANNGAZ OPINAC SCEPTRE VECTOR CONCURRENT PRODUCTION
1.75	0.177	0.70	10 640	50	0.807	0.68	1 396.7	1964	1987	PRODUCTION DECLINE
5.92	0.200	0.65	10 640	50	0.827	0.66	1 416.6	1964	1987	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.10	0.179	0.50	10 640	50	0.807	0.69	1 420.4	1965	1987	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.43	0.180	0.45	10 620	52	0.826	0.67	1 421.0	1965	1989	MATERIAL BALANCE SOLN MU - UM C,U,ZZZ&LM A&H, CONC PROD
						0.67		1965	1989	MATERIAL BALANCE SOLN MU - UM C,U,ZZZ&LM A&H, CONC PROD
0.61	0.160	0.50	10 620	45	0.808	0.67	1 456.6	1971	1983	MATERIAL BALANCE
								1964	1987	TCPL CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
GHOST PINE 031-22W4 (CONTINUED)									
UPPER MANNVILLE H		0.75	0.10				39		1 366
UPPER MANNVILLE P ASSOC		0.75	0.10				40		6 016
UPPER MANN YYY		0.75	0.10				40		2 806
LOWER MANNVILLE R	50	0.75	0.10	34[b]			40		150
LOWER MANNVILLE EE	35	0.75	0.10	23[b]			37		150
U&L MANNVILLE MU.NO.2 TOTAL	4 889	0.75	0.10	3 300[b]	2 846[b]	454	40	17 974	
UPPER MANNVILLE O20	2 222	0.80	0.10	1 600	427	1 173	40	46 885	4 079
LOWER MANNVILLE B SOLN	25	0.60	0.10	14[b]			40		
LOWER MANNVILLE B ASSOC	494	0.80	0.10	356[b]	287[b]	83	40	3 337	902
LOWER MANNVILLE F	551	0.90	0.10	446	430	16	40	636	783
PEKISKO G	772	0.92	0.04	682	642	40	39	1 575	670
OTHER	9 562			5 915	2 714	3 201		124 754	
TOTAL-GHOST PINE	26 527			17 997	11 196	6 801		268 226	
GILBY 041-03W5									
CARDIUM C	614	0.85	0.15	443	25	418	41	16 950	2 882
UPPER MANNVILLE E	527	0.80	0.15	358	5	353	40	14 060	150
BASAL MANNVILLE D	1 911	0.80	0.15	1 300	1 040	260	41	10 616	1 194
BASAL MANNVILLE W	523	0.65	0.10	306	167	139	41	5 661	150
BASAL MANNVILLE A		0.85	0.15				40		1 875
JURASSIC D		0.85	0.15				41		861
BSL MANN A & JUR D TOTAL	9 688	0.85	0.15	7 000	4 353	2 647	41	107 256	
BASAL MANNVILLE H		0.85	0.10				41		2 800
BASAL MANNVILLE L ASSOC		0.85	0.10				40		150
JURASSIC-RUNDLE ASSOC		0.85	0.10				41		13 597
JURASSIC-RUNDLE SOLN	111	0.60	0.10	60[b]			41		
JURASSIC-RUNDLE		0.85	0.10				41		6 502
BMN H&L,J-RUN&UMN A TOTAL	26 516	0.85	0.10	20 260[b]	17 189[b]	3 071	41	125 082	
JURASSIC B SOLN	1 058	0.31	0.20	262[b]			41		
JURASSIC B ASSOC	499	0.80	0.15	339[b]	372[b]	229	41	9 336	494
JURASSIC N	555	0.85	0.10	425	335	90	41	3 669	200
RUNDLE G	598	0.85	0.15	432		432	40	17 284	1 125
RUNDLE H	803	0.85	0.10	615	1	614	39	23 866	1 428
OTHER	8 783			5 370	1 240	4 130		163 245	
TOTAL-GILBY	52 075			37 110	24 727	12 383		497 025	
GILWOOD 073-18W5									
TOTAL-GILWOOD	386			229	42	187		6 963	
GIROUX LAKE 066-21W5									
TOTAL-GIROUX LAKE	723			460	15	445		17 074	
GIROUXVILLE (SA) 077-23W5									
TOTAL-GIROUXVILLE	59			42		42		1 573	
GIROUXVILLE EAST 077-22W5									
TOTAL-GIROUXVILLE EAST	321			221	103	118		4 365	
GLACIER 077-12W6									
TOTAL-GLACIER	774			545		545		21 137	
GLADYS 020-27W4									
WABAMUN A	1 529	0.50	0.20	612		612	37	22 834	2 983
OTHER	1 086			636	81	555		21 511	
TOTAL-GLADYS	2 615			1 248	81	1 167		44 345	
GLEICHEN 022-22W4									
MEDICINE HAT A	854	0.70	0.03	580			36		19 600
SE ALTA GAS SYS(MU) TOTAL	854	0.70	0.05	580	274	306	36	11 160	
GLAUCONITIC J	527	0.80	0.10	380	181	199	39	7 807	1 986
OTHER	145			98	28	70		2 646	
TOTAL-GLEICHEN	1 526			1 058	483	575		21 613	
GLEN PARK 049-27W4									
TOTAL-GLEN PARK	1 173			765	283	482		18 782	
GLENEVIS 055-04W5									
TOTAL-GLENEVIS	728			515	102	413		16 071	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.49	0.205	0.70	10 450	50	0.829	0.66	1 377.5	1965	1989	PRODUCTION DECLINE
2.65	0.202	0.65	10 450	50	0.816	0.68	1 389.1	1962	1987	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.56	0.172	0.60	10 450	50	0.817	0.68	1 411.2	1952	1987	PRODUCTION DECLINE
4.50	0.130	0.50	10 350	45	0.810	0.67	1 404.5	1982	1988	
1.22	0.220	0.70	10 340	26	0.794	0.66	1 357.0	1966	1989	
								1952	1987	TCPL CONCURRENT PRODUCTION
4.55	0.175	0.70	9 590	58	0.843	0.68	1 503.4	1964	1990	EMI TCPL
						0.68		1959	1988	TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
1.61	0.185	0.60	10 730	51	0.813	0.68	1 453.8	1959	1988	TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
5.34	0.200	0.55	10 650	52	0.826	0.66	1 471.2	1960	1981	TCPL PRODUCTION DECLINE
8.07	0.070	0.80	10 170	49	0.828	0.64	1 397.7	1962	1989	TCPL PROGAS UNIGAS PRODUCTION DECLINE
1.01	0.097	0.85	19 380	48	0.764	0.72	1 776.4	1963	1982	NORCEN A&S CWNGNUL
9.40	0.270	0.85	15 860	70	0.808	0.73	2 118.2	1977	1989	CWNGNUL
7.62	0.121	0.80	15 510	70	0.821	0.72	2 054.9	1962	1987	KANNGAZ TCPL PRODUCTION DECLINE
3.70	0.140	0.70	13 040	68	0.817	0.74	2 137.0	1977	1989	TCPL PRODUCTION DECLINE
14.51	0.110	0.70	15 980	72	0.838	0.70	2 136.8	1956	1986	MATERIAL BALANCE
5.48	0.169	0.75	15 980	72	0.831	0.71	2 179.3	1956	1986	MATERIAL BALANCE
								1956	1986	TCPL
4.91	0.111	0.70	15 870	70	0.814	0.74	2 114.9	1956	1987	MATERIAL BALANCE
1.10	0.120	0.70	15 310	73	0.775	0.83	2 045.8	1959	1987	MATERIAL BALANCE
11.03	0.078	0.75	16 060	71	0.817	0.74	2 089.1	1955	1987	MATERIAL BALANCE CONCURRENT PRODUCTION
						0.74		1955	1987	MATERIAL BALANCE CONCURRENT PRODUCTION
4.96	0.120	0.65	16 060	71	0.818	0.74	2 115.8	1956	1990	MATERIAL BALANCE
								1955	1987	A&S TCPL CONCURRENT PRODUCTION
						0.74		1958	1988	A&S TCPL CONCURRENT PRODUCTION
4.94	0.159	0.80	15 890	71	0.817	0.74	2 131.3	1958	1988	A&S TCPL CONCURRENT PRODUCTION
10.36	0.150	0.70	15 400	70	0.825	0.71	2 121.9	1953	1989	TCPL MATERIAL BALANCE
5.80	0.073	0.75	17 600	77	0.854	0.68	2 195.9	1961	1987	ESSO TCPL PROGAS
6.45	0.071	0.70	17 980	77	0.833	0.73	2 229.4	1963	1985	POCO KANNGAZ TCPL SOQUIP PROGAS UNIGAS
5.03	0.052	0.85	22 900	66	0.833	0.79	2 522.0	1961	1989	TCPL KANNGAZ EMI SCEPTRE BER
1.01	0.170	0.55	4 310	17	0.916	0.56	806.1	1904	1988	PART OF MED HAT POOL NO.1
								1904	1988	HUSKY KANNGAZ PANALTA PROGAS
1.55	0.191	0.75	10 830	43	0.816	0.65	1 354.6	1963	1985	TCPL PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
GLOVER 075-09W4									
TOTAL-GLOVER	113			58		58		2 130	
GODIN 081-01W5									
TOTAL-GODIN	369			183		183		6 771	
GOLD CREEK 067-05W6									
BLUESKY-GETHING A	2 256	0.70	0.05	1 500	1 268	232	40	9 268	7 673
CADOMIN B	689	0.70	0.10	434	175	259	40	10 259	812
WABAMUN A	3 600	0.50	0.35	1 170	776	394	39	15 275	1 230
WAB 34-069-05	1 021	0.75	0.15	651		651	36	23 677	400
WAB 34-069-05	511	0.70	0.15	304		304	37	11 382	200
OTHER	2 303			1 546	140	1 406		55 432	
TOTAL-GOLD CREEK	10 380			5 605	2 359	3 246		125 293	
GOLDEN 086-15W5									
TOTAL-GOLDEN	205			64	13	51		1 884	
GOLDEN SPIKE 051-27W4									
D-1 A	920	0.85	0.10	704	420	284	39	11 093	438
D-3 A SOLN	4 767	0.82	0.45	2 150[b]			42		
D-3 A ASSOC		0.90	0.10		1 472[b]	678	42	28 679	
OTHER	1 926			1 049	540	509		19 959	
TOTAL-GOLDEN SPIKE	7 613			3 903	2 432	1 471		59 731	
GOODFISH (SA) 091-09W5									
TOTAL-GOODFISH	61			38		38		1 415	
GOODRIDGE 061-02W5									
TOTAL-GOODRIDGE	543			361	67	294		11 192	
GOODWIN 059-13W5									
JURASSIC A	688	0.80	0.10	495		495	38	18 602	1 289
OTHER	440			258	36	222		8 830	
TOTAL-GOODWIN	1 128			753	36	717		27 432	
GOOSE RIVER 067-18W5									
VIKING A	438	0.85	0.05	353	30	323	37	12 038	2 356
BEAVERHILL LAKE A SOLN	2 083	0.43	0.40	538[b]			41		
BEAVERHILL LAKE A ASSOC		0.80	0.10		392[b]	146	41	6 058	
OTHER	22			13		13		481	
TOTAL-GOOSE RIVER	2 543			904	422	482		18 577	
GOPHER (SA) 081-19W4									
TOTAL-GOPHER	38			18		18		639	
GORDONDALE 079-10W6									
PEACE RIVER	989	0.85	0.05	799			39		3 717
NOTIKEWIN B	102	0.75	0.05	73			39		200
GETHING A	811	0.75	0.03	590			39		3 176
PEACE RIV,NOT B&GET A TOTAL	1 902	0.80	0.05	1 462	1 425	37	39	1 432	
GETHING B	515	0.67	0.05	328	328	< 1	38	-	150
HALFWAY C	89	0.80	0.10	64			39		315
DOIG A	704	0.85	0.10	538			40		1 340
HALFWAY C & DOIG A TOTAL	793	0.85	0.10	602	10	592	40	23 674	
KISKATINAW B	323	0.85	0.05	261			38		370
KISKATINAW B	1 012	0.85	0.05	817			38		1 444
KISKATINAW B TOTAL	1 335	0.85	0.05	1 078	734	344	38	12 938	
OTHER	3 542			2 488	235	2 253		87 108	
TOTAL-GORDONDALE	8 087			5 958	2 732	3 226		125 152	
GRAHAM 079-04W4									
MCMURRAY B	848	0.50	0.05	403	217	186	37	6 888	3 031
OTHER	715			395	79	316		11 605	
TOTAL-GRAHAM	1 563			798	296	502		18 493	
GRAINDALE 026-01W4									
TOTAL-GRAINDALE	350			237	11	226		8 337	
GRAND FORKS 011-13W4									
TOTAL-GRAND FORKS	1 783			861	104	757		25 450	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.32	0.107	0.65	22 100	70	0.857	0.66	2 150.7	1964	1987	A&S HUSKY PROGAS MATERIAL BALANCE
6.69	0.090	0.70	19 750	64	0.828	0.68	2 106.0	1966	1975	
17.47	0.069	0.85	35 600	99	0.974	1.11	3 337.7	1964	1987	A&S PRODUCTION DECLINE
12.05	0.101	0.85	33 870	110	1.019	0.69	3 188.9	1980	1982	PROGAS
12.00	0.100	0.85	34 180	111	1.011	0.70	3 233.3	1980	1982	PROGAS
6.15	0.175	0.75	10 890	53	0.833	0.69	1 385.4	1949	1970	ESSO MATERIAL BALANCE
						0.86		1949	1988	CWNGNUL ESSO CONC PROD, SEC GAS CAP, GAS CYCLING
						0.86		1949	1988	CWNGNUL ESSO CONC PROD, SEC GAS CAP, GAS CYCLING
4.99	0.200	0.40	14 030	69	0.872	0.65	1 784.1	1956	1975	TCPL
1.85	0.178	0.60	9 460	53	0.878	0.61	1 211.8	1964	1978	TCPL PANALTA
						0.70		1963	1989	TCPL DRY GAS BREAKTHROUGH
						0.70		1963	1989	TCPL DRY GAS BREAKTHROUGH
4.48	0.189	0.70	4 300	33	0.915	0.61	834.8	1952	1974	MATERIAL BALANCE
7.40	0.145	0.65	7 240	44	0.887	0.58	959.2	1957	1982	
3.38	0.120	0.70	10 150	42	0.845	0.60	1 296.6	1953	1971	MATERIAL BALANCE
								1952	1974	PANALTA PROGAS SHELL TRIL WCST
9.87	0.120	0.70	12 470	43	0.834	0.59	1 325.3	1957	1989	
2.62	0.100	0.65	17 390	74	0.862	0.65	1 792.0	1980	1988	
4.87	0.084	0.80	16 530	73	0.846	0.67	1 751.0	1980	1990	
								1980	1990	AMOCO PROGAS
5.93	0.110	0.75	21 360	96	0.923	0.62	2 301.2	1981	1988	
5.88	0.083	0.80	21 450	96	0.921	0.63	2 335.9	1981	1990	
								1981	1990	AMOCO HUSKY DIRECT PROGAS WCST
6.31	0.304	0.80	1 740	9	0.962	0.56	232.2	1976	1989	TCPL PANALTA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
GRANDE CACHE (SA) 059-08W6									
TOTAL-GRANDE CACHE	143			108		108		3 888	
GRANDE PRAIRIE 071-06W6									
TOTAL-GRANDE PRAIRIE	2 471			1 309	15	1 294		51 250	
GRANLEA 008-10W4									
BOW ISLAND A	1 362	0.85	0.05	1 100	915	185	36	6 617	5 029
OTHER	222			159	59	100		3 613	
TOTAL-GRANLEA	1 584			1 259	974	285		10 230	
GRANOR 083-18W4									
GROSMONT A	1 340	0.40	0.05	509	447	62	37	2 288	22 178
OTHER	248			121	20	101		3 539	
TOTAL-GRANOR	1 588			630	467	163		5 827	
GRANUM 011-26W4									
TOTAL-GRANUM	420			246	50	196		7 566	
GRASSLAND 067-19W4									
WABAMUN-WINTERBURN A	536	0.70	0.05	356	88	268	37	9 932	2 489
OTHER	1 037			647	360	287		10 635	
TOTAL-GRASSLAND	1 573			1 003	448	555		20 567	
GRASSY (SA) 067-21W5									
TOTAL-GRASSY	35			23		23		871	
GREENCOURT 059-09W5									
JURASSIC B	679	0.85	0.10	519	1	518	38	19 891	1 736
JURASSIC A	2 750	0.80	0.10	1 980[b]			40		5 894
PEKISKO A ASSOC	2 787	0.55	0.10	1 380[b]			40		2 678
PEKISKO A SOLN	123	0.60	0.15	63[b]			40		
JURASSIC A&PEKISKO A TOTAL	5 660	0.65	0.10	3 423[b]	3 411[b]	12	40	478	
OTHER	708			491	143	348		13 512	
TOTAL-GREENCOURT	7 047			4 433	3 555	878		33 881	
GREENCOURT EAST 059-06W5									
TOTAL-GREENCOURT EAST	717			518	254	264		10 224	
GREGG (SA) 049-25W5									
TOTAL-GREGG	136			92		92		3 498	
GREY (SA) 045-19W5									
TOTAL-GREY	181			129		129		4 887	
GRIMSHAW 083-23W5									
TOTAL-GRIMSHAW	320			232	31	201		7 517	
GRIST 073-09W4									
GRAND RAPIDS A	824	0.55	0.05	430		430	37	16 043	10 889
OTHER	68			38		38		1 412	
TOTAL-GRIST	892			468		468		17 455	
GRIZZLY 062-22W5									
TOTAL-GRIZZLY	701			506	102	404		16 026	
GROAT 057-16W5									
LEDUC A	1 175	0.50	0.35	382	93	289	36	10 537	614
OTHER	1 120			588	30	558		21 483	
TOTAL-GROAT	2 295			970	123	847		32 020	
GROUARD 075-15W5									
TOTAL-GROUARD	84			60		60		2 259	
GROUSE 074-12W4									
TOTAL-GROUSE	263			134		134		4 967	
GULL (SA) 041-28W4									
TOTAL-GULL	33			23		23		898	
GUNN 055-03W5									
TOTAL-GUNN	421			276	80	196		7 574	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.37	0.220	0.60	5 650	26	0.904	0.58	683.8	1971	1987	CWNGNUL PANALTA MATERIAL BALANCE
14.77	0.176	0.20	1 140	13	0.976	0.57	315.8	1976	1989	KANNGAZ NCO PANALTA
4.50	0.255	0.65	2 910	29	0.949	0.56	546.9	1958	1986	TCPL PANALTA RENENER
4.89	0.130	0.55	11 240	61	0.855	0.65	1 481.5	1974	1987	KANNGAZ TCPL CWNGNUL CANOXY
6.39	0.157	0.55	11 680	60	0.840	0.66	1 441.0	1961	1985	PRODUCTION DECLINE
10.78	0.128	0.75	11 210	63	0.851	0.66	1 456.2	1961	1985	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.66		1961	1985	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1961	1985	TCPL CANOXY CONCURRENT PRODUCTION
2.42	0.303	0.65	1 580	19	0.969	0.55	325.9	1979	1989	A&S PCI BER
12.80	0.075	0.85	26 890	104	0.865	0.94	3 054.8	1984	1989	A&S DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
GUTAH 099-07W6									
TOTAL-GUTAH	47			31		31		1 146	
HACKETT 035-17W4									
UPPER MANNVILLE G	557	0.60	0.10	301	5	296	39	11 426	300
LOWER MANNVILLE A	796	0.80	0.09	580	554	26	39	1 001	977
OTHER	834			551	327	224		8 571	
TOTAL-HACKETT	2 187			1 432	886	546		20 998	
HAIRY HILL 055-14W4									
VIKING A	817	0.40	0.05	311	254	57	37	2 126	20 723
COLONY W	1 900	0.72	0.05	1 300	1 174	126	37	4 665	1 781
COLONY X	954	0.65	0.05	589	533	56	37	2 095	1 941
D-2 B	581	0.75	0.05	414	409	5	37	187	1 046
CAMROSE A	682	0.85	0.05	551	530	21	37	784	4 004
OTHER	3 058			1 970	1 002	968		36 124	
TOTAL-HAIRY HILL	7 992			5 135	3 902	1 233		45 981	
HALKIRK 038-16W4									
UPPER MANNVILLE I ASSOC	306	0.70	0.10	193			38		348
UPPER MANNVILLE I SOLN	379	0.40	0.10	137			38		
UPPER MANNVILLE I ASSOC	23	0.70	0.10	14			38		150
UPPER MANNVILLE I TOTAL	708	0.55	0.10	344	58	286	38	10 808	
OTHER	1 587			970	257	713		25 917	
TOTAL-HALKIRK	2 295			1 314	315	999		36 725	
HALKIRK EAST 040-14W4									
TOTAL-HALKIRK EAST	884			554	23	531		18 888	
HALLIDAY 028-14W4									
TOTAL-HALLIDAY	109			78	25	53		1 980	
HAMBURG 095-11W6									
SLAVE POINT A	12 273	0.85	0.05	9 910	1 379	8 531	38[a]	321 875	4 123
SLAVE POINT B	527	0.80	0.05	401	1	400	38	15 180	200
SL PT 096-12	693	0.90	0.10	562		562	40	22 491	736
SL PT * 35-096-12	439	0.85	0.05	354		354	38	13 328	400
TOTAL-HAMBURG	13 932			11 227	1 380	9 847		372 874	
HAMELIN CREEK 080-06W6									
TOTAL-HAMELIN CREEK	672			451	153	298		11 292	
HANGINGSTONE 084-09W4									
UPPER MANNVILLE A	2 915	0.65	0.05	1 800	241	1 559	37	57 761	30 634
OTHER	679			352		352		13 138	
TOTAL-HANGINGSTONE	3 594			2 152	241	1 911		70 899	
HANLAN 047-17W5									
CARDIUM A	555	0.90	0.15	425		425	41	17 217	200
CARD SD 03-046-17	485	0.90	0.05	415		415	39	16 347	200
WINTERBURN B	859	0.75	0.10	580	467	113	38	4 241	200
BEAVERHILL LAKE A	41 166	0.80	0.25	24 700	7 013	17 687	38	669 099	8 230
BEAVERHILL LAKE B	1 299	0.80	0.25	779	305	474	38	17 856	440
OTHER	832			544		544		21 709	
TOTAL-HANLAN	45 196			27 443	7 785	19 658		746 469	
HANNA 031-14W4									
SECOND WHITE SPECKS E	594	0.65	0.05	367		367	37	13 476	1 024
UPPER MANNVILLE E	194	0.70	0.10	122			38		300
LOWER MANNVILLE F	940	0.80	0.10	677			39		2 807
U MANN E & L MANN F TOTAL	1 134	0.80	0.10	799	739	60	39	2 318	
OTHER	1 476			964	91	873		32 974	
TOTAL-HANNA	3 204			2 130	830	1 300		48 768	
HARDY 076-05W4									
MCMURRY O	1 445	0.75	0.05	1 030	89	941	37	34 902	4 205
MCMURRAY A	869	0.50	0.05	413			37		9 192
MCMURRAY D	52	0.50	0.05	25			37		397
MCMURRAY E	1 477	0.50	0.05	702			37		7 717
MCMURRAY A,D & E TOTAL	2 398	0.50	0.05	1 140	563	577	37	21 557	
OTHER	1 985			1 055	207	848		31 528	
TOTAL-HARDY	5 828			3 225	859	2 366		87 987	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
17.80	0.226	0.75	5 880	37	0.877	0.66	1 179.7	1988	1989	MORGAN PANALTA
8.24	0.180	0.70	8 400	41	0.837	0.67	1 169.6	1952	1989	TCPL PRODUCTION DECLINE
0.75	0.230	0.50	4 320	21	0.914	0.58	507.6	1949	1990	TCPL CWNGNUL PANALTA PART OF VIK POOL NO.6
8.26	0.295	0.85	4 340	25	0.919	0.58	538.1	1954	1985	TCPL CWNGNUL MATERIAL BALANCE
5.40	0.293	0.75	4 190	27	0.923	0.57	562.0	1972	1985	PCI TCPL CWNGNUL PRODUCTION DECLINE
5.40	0.159	0.60	3 990	27	0.928	0.56	626.4	1964	1990	PRODUCTION DECLINE
3.25	0.213	0.60	3 940	29	0.931	0.56	659.3	1973	1984	TCPL CWNGNUL PANALTA PRODUCTION DECLINE
5.41	0.216	0.75	9 200	39	0.837	0.65	1 227.7	1985	1990	
						0.65		1985	1990	
1.10	0.210	0.65	9 200	39	0.837	0.65	1 237.6	1985	1989	ASSIGNED WELL 14-35-037-17W4M
								1985	1990	TCPL
16.78	0.092	0.85	26 180	112	0.968	0.61	2 539.3	1983	1990	SHELL MATERIAL BALANCE
16.00	0.090	0.90	25 400	100	0.953	0.59	2 522.8	1988	1989	A&S ESSO
7.70	0.060	0.85	29 000	99	0.924	0.73	2 574.6	1985	1989	
9.15	0.094	0.70	22 560	103	0.935	0.62	2 553.2	1986	1990	A&S SHELL
3.58	0.336	0.70	1 130	18	0.977	0.56	298.2	1974	1990	NRTHSTR DEVNIC CANOXY
9.56	0.140	0.85	26 130	79	0.865	0.78	2 653.6	1974	1976	PANALTA PROGAS
19.52	0.054	0.85	33 710	83	0.995	0.60	2 886.1	1978	1982	TCPL CNG HUSKY
44.30	0.070	0.85	60 710	123	1.285	0.60	4 133.1	1980	1989	PANALTA MATERIAL BALANCE TOP/BASE TVD
22.10	0.092	0.90	43 810	144	1.093	0.72	4 619.5	1976	1990	PANALTA
18.52	0.064	0.90	43 840	138	1.096	0.71	4 774.4	1979	1989	PANALTA
4.09	0.140	0.50	6 250	27	0.896	0.57	903.6	1953	1990	PART OF 2WS POOL NO.2
2.60	0.250	0.65	9 470	36	0.828	0.64	1 127.4	1972	1986	MATERIAL BALANCE
1.66	0.235	0.70	9 490	37	0.824	0.64	1 151.5	1949	1988	PRODUCTION DECLINE
								1949	1988	TCPL NCO
7.49	0.310	0.80	1 790	13	0.962	0.56	309.1	1983	1989	TRITON CANOXY ATCOR PANALTA
2.51	0.295	0.65	1 940	19	0.962	0.55	336.6	1979	1989	
3.12	0.288	0.70	1 970	10	0.956	0.56	386.1	1984	1989	
4.40	0.292	0.75	1 960	19	0.961	0.56	340.6	1984	1989	
								1979	1989	TRITON ICG BVI ATCOR

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
HARLECH (SA) 044-14W5									
TOTAL-HARLECH	204			146		146		5 899	
HARLEY 056-27W5									
LED 15-056-27	861	0.70	0.10	543		543	39	21 318	200
OTHER	92			67		67		2 673	
TOTAL-HARLEY	953			610		610		23 991	
HARMATTAN EAST 032-03W5									
RUNDLE SOLN	5 624	0.39	0.30	1 535[b]			41[a]		
RUNDLE ASSOC	36 252	c	c	28 000[b]	16 882[b]	12 653	41[a]	517 887	19 341
OTHER	1 876			1 028	352	676		27 638	
TOTAL-HARMATTAN EAST	43 752			30 563	17 234	13 329		545 525	
HARMATTAN-ELKTON 031-04W5									
RUNDLE B SOLN	18	0.65	0.30	8[b]			40		
RUNDLE B ASSOC	2 353	0.85	0.15	1 700[b]	1 019[b]	689	40	27 725	2 643
RUNDLE C SOLN	5 143	0.65	0.30	2 340[b]			41[a]		
RUNDLE C ASSOC	31 326	c	c	23 300[b]	9 978[b]	15 662	41[a]	649 660	7 020
RUNDLE A	2 400	0.25	0.14	516	469	47	39	1 825	849
D-3 A	13 400	0.28	0.79	788	683	105	36	3 761	4 527
OTHER	89			63		63		2 468	
TOTAL-HARMATTAN-ELKTON	54 729			28 715	12 149	16 566		685 439	
HARO 101-03W6									
BLUESKY A	1 149	0.85	0.05	928			36		16 755
BLUESKY A	2 544	0.60	0.05	1 450			38		19 054
BLUESKY A	24	0.50	0.05	11			36		590
BLUESKY A	418	0.60	0.05	238			37		5 194
BLUESKY A	5	0.50	0.05	3			37		200
BLUESKY A	5	0.50	0.05	3			37		200
BLUESKY A	211	0.80	0.05	161			37		1 820
BLUESKY A	187	0.50	0.05	89			37		2 791
BLUESKY A	13	0.50	0.05	7			37		200
BLUESKY A	12	0.50	0.05	6			38		200
BLUESKY POOL NO. 1 A	9	0.50	0.05	5			36		200
BLUESKY POOL NO. 1 A	13	0.50	0.05	7			38		200
BLUESKY POOL NO. 1 A	10	0.50	0.05	5			38		200
BLUESKY POOL NO. 1 A	9	0.50	0.05	5			38		200
BLUESKY POOL NO. 1 A	588	0.60	0.05	335			38		8 316
BLUESKY A TOTAL	5 197	0.65	0.05	3 253	1 966	1 287	37	47 928	
OTHER	1 216			748	215	533		19 546	
TOTAL-HARO	6 413			4 001	2 181	1 820		67 474	
HARPER (SA) 097-24W4									
TOTAL-HARPER	240			182		182		6 690	
HARTELL 019-02W5									
TOTAL-HARTELL	364			77	77				
HARTMAN 067-04W5									
TOTAL-HARTMAN	23			15		15		567	
HASTINGS 050-20W4									
TOTAL-HASTINGS	327			217	114	103		3 888	
HAWK 097-20W5									
TOTAL-HAWK	32			22		22		824	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
33.53	0.060	0.80	44 110	144	1.125	0.71	4 630.6	1976	1980	CANOXY BER
						0.82		1954	1990	NORCEN DEKALB A&S TCPL PANALTA CONCURRENT PRODUCTION, GAS CYCLING
9.14	0.088	0.73	23 600	85	0.840	0.82	2 554.7	1954	1990	NORCEN DEKALB A&S TCPL PANALTA CONCURRENT PRODUCTION, GAS CYCLING
						0.71		1960	1986	TCPL A&S PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
1.61	0.107	0.80	23 670	91	0.896	0.71	2 612.2	1960	1986	TCPL A&S PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
						0.71		1954	1983	A&S TCPL PANALTA CONCURRENT PRODUCTION, GAS CYCLING
21.20	0.109	0.90	25 030	94	0.873	0.71	2 740.1	1954	1983	A&S TCPL PANALTA CONCURRENT PRODUCTION, GAS CYCLING
8.63	0.120	0.80	24 790	75	0.887	0.71	2 780.4	1957	1987	TCPL PRODUCTION DECLINE
22.22	0.050	0.90	32 230	110	0.777	0.92	3 351.4	1961	1983	A&S TCPL MATERIAL BALANCE
2.58	0.210	0.40	3 100	23	0.941	0.59	448.3	1973	1990	PART OF BLSKY POOL NO.1
6.19	0.210	0.40	2 550	24	0.951	0.57	488.4	1973	1990	PART OF BLSKY POOL NO.1
1.46	0.160	0.50	3 400	26	0.937	0.59	537.9	1973	1990	PART OF BLSKY POOL NO.1
3.82	0.210	0.40	2 500	25	0.952	0.58	497.7	1973	1990	PART OF BLSKY POOL NO.1
0.90	0.210	0.40	3 130	39	0.948	0.59	638.8	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-10-104-05W6M
1.20	0.160	0.40	3 140	30	0.943	0.60	637.7	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-18-104-05W6M
0.50	0.198	0.40	3 060	24	0.941	0.58	471.4	1973	1990	PART OF BLSKY POOL NO.1 MATERIAL BALANCE
2.91	0.210	0.40	2 700	22	0.949	0.58	439.1	1973	1990	PART OF BLSKY POOL NO.1
4.70	0.210	0.40	1 730	27	0.968	0.58	570.3	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 11-30-106-06W6M
2.40	0.190	0.40	3 100	22	0.936	0.59	417.0	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-28-103-03W6M
1.80	0.180	0.50	2 960	36	0.951	0.60	577.3	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-33-104-06W6M
3.40	0.180	0.40	2 630	28	0.952	0.57	594.7	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-32-105-03W6M
2.70	0.190	0.40	2 610	36	0.956	0.57	622.4	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 07-18-106-03W6M
2.40	0.190	0.40	2 500	25	0.949	0.61	498.4	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 11-34-106-06W6M
2.66	0.210	0.40	3 100	24	0.938	0.59	488.6	1973	1990	PART OF BLSKY POOL NO.1
								1973	1990	A&S TCPL CWNGNUL HUSKY PANALTA PART OF BLSKY POOL NO.1

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
HAYNES 038-24W4									
TOTAL-HAYNES	226			130	16	114		4 337	
HAYS 013-14W4									
ARCS 25-012-15	590	0.85	0.25	377		377	35	13 225	400
OTHER	1 209			767	1	766		27 824	
TOTAL-HAYS	1 799			1 144	1	1 143		41 049	
HAYTER 041-01W4									
TOTAL-HAYTER	547			395	25	370		13 341	
HEART LAKE 069-10W4									
TOTAL-HEART LAKE	698			352	120	232		8 526	
HEART RIVER 077-16W5									
PADDY A	900	0.50	0.05	428	129	299	37	11 183	2 855
NOTIKEWIN	1 500	0.65	0.05	926	707	219	37	8 202	3 861
OTHER	178			119	47	72		2 683	
TOTAL-HEART RIVER	2 578			1 473	883	590		22 068	
HEATHDALE 027-08W4									
GLAUCONITIC F	1 146	0.75	0.05	817	3	814	38	30 574	1 919
OTHER	3 018			2 108	127	1 981		74 402	
TOTAL-HEATHDALE	4 164			2 925	130	2 795		104 976	
HECTOR 016-17W4									
UPPER MANNVILLE C	550	0.90	0.10	446	36	410	38	15 724	300
OTHER	584			419	71	348		13 119	
TOTAL-HECTOR	1 134			865	107	758		28 843	
HELDAR 058-07W5									
NORDEGG B	533	0.85	0.10	408	227	181	39	7 021	1 956
OTHER	1 180			799	4	795		31 136	
TOTAL-HELDAR	1 713			1 207	231	976		38 157	
HELMSDALE 026-06W4									
TOTAL-HELMSDALE	28			20	20				
HERCULES 051-23W4									
TOTAL-HERCULES	1 030			648	119	529		19 404	
HERRONTON 019-26W4									
BELLY RIVER A		0.85	0.05				36		7 664
BELLY RIVER B		0.85	0.05				36		2 491
BELLY RIVER A & B TOTAL	1 622	0.85	0.05	1 310	1 244	66	36	2 402	
OTHER	708			380	131	249		9 200	
TOTAL-HERRONTON	2 330			1 690	1 375	315		11 602	
HIGH PRAIRIE 073-16W5									
TOTAL-HIGH PRAIRIE	487			342		342		12 651	
HIGH RIVER (SA) 018-29W4									
TOTAL-HIGH RIVER	207			124		124		5 176	
HIGHLAND 029-02W4									
TOTAL-HIGHLAND	6			5		5		190	
HIGHVALE 051-04W5									
LOWER MANNVILLE A SOLN	455	0.47	0.15	182b			39		
LOWER MANNVILLE A ASSOC	202	0.75	0.10	137b	109b	210	39	8 127	873
NORDEGG D	19	0.80	0.10	14			40		128
BANFF H SOLN	725	0.65	0.15	400			42		
NORDEGG D & BANFF H TOTAL	744	0.65	0.15	414	27	387	42	16 219	
OTHER	3 925			2 527	304	2 223		86 417	
TOTAL-HIGHVALE	5 326			3 260	440	2 820		110 763	
HIGHWOOD (SA) 017-02W5									
TOTAL-HIGHWOOD	3			2		2		80	
HILL 085-11W6									
TOTAL-HILL	159			113	16	97		3 762	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
9.75	0.140	0.85	11 030	38	0.793	0.86	1 337.8	1985	1988	MORGAN
2.51	0.281	0.70	1 870	21	0.964	0.55	493.1	1952	1989	UNOCAL PANALTA MATERIAL BALANCE
4.23	0.326	0.65	3 270	24	0.940	0.55	533.6	1952	1989	AMOCO PANALTA MATERIAL BALANCE
2.47	0.305	0.75	9 570	32	0.844	0.60	1 004.3	1983	1990	A&S TCPL CANST
17.65	0.152	0.50	11 820	35	0.799	0.64	1 081.7	1988	1989	TCPL ICG NCO
4.34	0.169	0.60	11 160	50	0.828	0.66	1 264.1	1980	1990	UNIGAS DIRECT CANOXY PANALTA PROGAS MATERIAL BALANCE
4.10	0.212	0.65	3 280	35	0.948	0.57	918.4	1973	1990	MATERIAL BALANCE
3.01	0.187	0.55	3 310	35	0.947	0.57	995.4	1973	1990	MATERIAL BALANCE
								1973	1990	CWNGNUL NCO
						0.70		1976	1990	CONCURRENT PRODUCTION
1.28	0.150	0.65	16 520	49	0.787	0.70	1 567.1	1976	1990	CONCURRENT PRODUCTION
1.40	0.090	0.60	17 230	49	0.761	0.73	1 587.3	1985	1986	
						0.74		1981	1986	
								1985	1987	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
HILLSDOWN 037-25W4									
TOTAL-HILLSDOWN	321			196	25	171		6 478	
HINES 086-03W6									
SPIRIT RIVER F	727	0.70	0.05	484	199	285	38	10 759	3 228
OTHER	1 526			949	390	559		20 931	
TOTAL-HINES	2 253			1 433	589	844		31 690	
HINTON 051-25W5									
TOTAL-HINTON	514			244	204	40		1 521	
HOLBURN 050-01W5									
TOTAL-HOLBURN	1 644			1 131	247	884		34 879	
HOLLOW 061-20W4									
TOTAL-HOLLOW	415			255	77	178		6 709	
HOLMBERG 044-17W4									
GLAUCONITIC E	612	0.75	0.10	413	169	244	38	9 282	1 060
GLAUCONITIC A	569	0.75	0.05	406			36		1 586
MANNVILLE D	180	0.70	0.10	113			37		300
GLAUC A & MANNVILLE D TOTAL	749	0.75	0.05	519	247	272	37	9 955	
OTHER	3 781			2 474	752	1 722		64 112	
TOTAL-HOLMBERG	5 142			3 406	1 168	2 238		83 349	
HOMEGLEN-RIMBEY 043-01W5									
D-3 SOLN	2 459	0.50	0.20	984[b]			38		
D-3 ASSOC	30 588	0.90	0.15	23 400[b]	24 144[b]	240	38	9 235	4 661
OTHER	1 305			809	179	630		25 291	
TOTAL-HOMEGLEN-RIMBEY	34 352			25 193	24 323	870		34 526	
HONDO 070-27W4									
TOTAL-HONDO	378			264		264		9 693	
HONEYSUCKLE 046-26W4									
TOTAL-HONEYSUCKLE	135			92	13	79		3 160	
HOOKER 015-29W4									
LIV 05-015-29	711	0.70	0.20	398		398	37	14 873	200
OTHER	126			86		86		3 459	
TOTAL-HOOKER	837			484		484		18 332	
HOOLE 081-24W4									
WABISKAW A	963	0.70	0.05	640	393	247	37	9 127	7 806
WABAMUN A	1 765	0.65	0.05	1 090			36		10 472
BLUERIDGE A	34	0.60	0.05	19			37		400
WABAMUN A&BLUERIDGE A TOTAL	1 799	0.65	0.05	1 109	52	1 057	36	38 158	
OTHER	244			148		148		5 450	
TOTAL-HOOLE	3 006			1 897	445	1 452		52 735	
HORSE (SA) 058-27W5									
TOTAL-HORSE	244			158		158		6 261	
HORSEFLY LAKE 008-16W4									
TOTAL-HORSEFLY LAKE	40			26		26		879	
HOSELAW 060-06W4									
TOTAL-HOSELAW	128			81	46	35		1 306	
HOTCHKISS 094-01W6									
BLSK-DETR-DBLT A		0.70	0.05				36		8 063
BLSK-DETR-DBLT A		0.70	0.05				37		300
BLSK-DETR-DBLT A TOTAL	4 316	0.70	0.05	2 870	2 831	39	37	1 441	
BLUESKY A	965	0.80	0.05	733			35		5 282
BLUESKY B	343	0.70	0.05	228			37		400
BLUESKY D	630	0.80	0.05	479			37		2 177
BLUESKY E	1 355	0.80	0.05	1 030			37		4 682
BLUESKY G	23	0.60	0.05	13			37		200
BLUESKY I	6	0.70	0.05	4			36		200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.99	0.306	0.65	2 860	29	0.949	0.56	609.9	1978	1988	
4.64	0.229	0.70	7 560	44	0.874	0.67	1 042.8	1970	1986	TCPL A&S
2.85	0.220	0.70	7 620	33	0.866	0.64	1 028.6	1971	1986	
5.25	0.216	0.65	7 540	33	0.863	0.67	1 049.3	1977	1986	
								1971	1986	ESSO A&S TCPL
						0.77		1953	1988	A&S TCPL PROGAS PRODUCTION DECLINE CONCURRENT PRODUCTION
52.52	0.080	0.90	19 530	82	0.843	0.77	2 277.8	1953	1988	A&S TCPL PROGAS PRODUCTION DECLINE CONCURRENT PRODUCTION
21.00	0.098	0.80	24 900	86	0.913	0.68	3 388.1	1980	1982	PROGAS BER
2.31	0.290	0.65	2 720	16	0.945	0.56	422.1	1967	1989	PROGAS
5.59	0.179	0.70	2 330	16	0.953	0.57	459.2	1967	1990	
5.15	0.132	0.55	2 230	16	0.955	0.57	479.9	1988	1990	
								1967	1990	PANALTA PROGAS
5.02	0.201	0.75	5 500	30	0.907	0.58	729.8	1973	1989	PART OF BLSKY-DETR-DBLT NO.1 MATERIAL BALANCE
4.70	0.201	0.65	5 500	30	0.907	0.56	709.5	1973	1988	PART OF BLSKY-DETR-DBLT NO.1 MATERIAL BALANCE ASSIGNED WELL 10-20-094-01W6M
								1973	1988	PANALTA PART OF BLSKY-DETR-DBLT NO.1
1.56	0.232	0.50	5 450	23	0.902	0.60	675.9	1971	1981	MATERIAL BALANCE
2.90	0.180	0.75	5 420	30	0.908	0.58	690.1	1974	1986	PRODUCTION DECLINE
1.29	0.227	0.60	5 350	30	0.908	0.57	715.3	1974	1987	MATERIAL BALANCE
1.38	0.227	0.55	5 220	26	0.906	0.58	647.8	1976	1987	MATERIAL BALANCE
1.00	0.180	0.70	5 140	25	0.908	0.56	663.4	1977	1987	MATERIAL BALANCE
0.62	0.150	0.65	5 020	31	0.918	0.59	678.5	1978	1978	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
HOTCHKISS 094-01W6 (CONTINUED)									
SHUNDA A	2 803	0.80	0.05	2 130			37		15 685
BLUESKY&SHUNDA MU #1 TOTAL	6 125	0.80	0.05	4 617	3 470	1 147	35	40 569	
DEBOLT B	652	0.50	0.05	310	263	47	36	1 711	1 880
OTHER	889			567	138	429		15 849	
TOTAL-HOTCHKISS	11 982			8 364	6 702	1 662		59 570	
HOUSE 082-15W4									
GROSMONT A	4 395	0.40	0.05	1 670	814	856	37	31 595	67 502
OTHER	223			119		119		4 265	
TOTAL-HOUSE	4 618			1 789	814	975		35 860	
HOWARD 079-05W6									
TOTAL-HOWARD	177			124		124		4 768	
HUDSON 030-02W4									
VIKING A	1 067	0.70	0.08	687	631	56	37	2 071	7 860
OTHER	1 514			1 048	87	961		35 668	
TOTAL-HUDSON	2 581			1 735	718	1 017		37 739	
HUNTER VALLEY 029-09W5									
RUNDLE A	2 844	0.75	0.25	1 600	806	794	38	29 799	1 117
TOTAL-HUNTER VALLEY	2 844			1 600	806	794		29 799	
HUSSAR 025-20W4									
BELLY RIVER A	424	0.80	0.05	322			37		4 984
BELLY RIVER D	281	0.80	0.05	214			37		3 699
BELLY RIVER E	4	0.80	0.05	3			37		128
BELLY RIVER F	21	0.80	0.05	16			37		250
BELLY RIVER A,D,E & F TOTAL	730	0.80	0.05	555	496	59	37	2 177	
MILK RIVER A	193	0.70	0.05	128			36		2 453
MEDICINE HAT A	4 344	0.70	0.03	2 950			36		63 330
BELLY RIVER C	59	0.55	0.05	30			37		646
SE ALTA GAS SYS (MU) TOTAL	4 596	0.70	0.05	3 108	317	2 791	36	101 816	
VIKING B	848	0.90	0.05	725	272	453	38	17 277	4 583
VIKING E	413	0.80	0.05	314	302	12	37	448	5 499
VIKING L	586	0.70	0.05	390	214	176	37	6 482	3 112
BASAL COLORADO A	584	0.90	0.05	500	372	128	37	4 728	6 752
BASAL COLORADO C	690	0.80	0.05	524	507	17	37	626	6 507
GLAUCONITIC B SOLN	105	0.65	0.15	58b			38		
GLAUCONITIC B ASSOC	609	0.90	0.10	493b	454b	97	38	3 727	1 329
GLAUCONITIC A ASSOC	2 367	0.92	0.10	1 960b			39		2 397
GLAUCONITIC A SOLN	572	0.65	0.25	279b			39		
GLAUCONITIC A ASSOC	351	0.92	0.10	290b			39		256
GLAUCONITIC A TOTAL	3 290	0.85	0.10	2 529b	1 398b	1 131	39	43 758	
GLAUCONITIC N	3 766	0.90	0.05	3 220	3 119	101	39	3 923	5 111
GLAUCONITIC P	673	0.85	0.05	543	488	55	40	2 173	150
GLAUCONITIC Q	712	0.90	0.10	577	568	9	40	357	617
GLAUCONITIC R	508	0.90	0.10	412	400	12	40	478	150
GLAUCONITIC FF	555	0.80	0.05	422	381	41	39	1 595	200
GLAUCONITIC JJ	1 365	0.65	0.10	798			39		6 031
GLAUCONITIC K2K	47	0.75	0.10	32			40		150
GLAUCONITIC JJ & K2K TOTAL	1 412	0.65	0.10	830	325	505	39	19 831	
GLAUCONITIC III	567	0.80	0.10	409	147	262	39	10 257	2 012
OSTRACOD F	1 013	0.90	0.10	821	56	765	40	30 248	3 359
OSTRACOD R	685	0.80	0.05	521	266	255	40	10 075	2 952
BASAL MANNVILLE B	1 374	0.80	0.10	989	15	974	39	38 259	953
OTHER	9 783			6 228	2 809	3 419		133 256	
TOTAL-HUSSAR	33 499			24 168	12 906	11 262		431 491	
HUXLEY 034-24W4									
VIKING A		0.70	0.05				38		4 918
UPPER MANNVILLE A		0.70	0.05				39		200
LOWER MANNVILLE A		0.70	0.05				40		300
VIK A,UMN A & LMN A TOTAL	1 699	0.70	0.05	1 130	917	213	39	8 328	
OTHER	1 736			1 041	200	841		32 869	
TOTAL-HUXLEY	3 435			2 171	1 117	1 054		41 197	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.07	0.182	0.50	5 355	29	0.906	0.58	685.9	1975	1987	MATERIAL BALANCE
								1971	1989	TCPL ESSO PANALTA SHELL
4.39	0.230	0.60	5 460	27	0.904	0.58	689.2	1972	1984	PANALTA
26.36	0.118	0.15	1 390	18	0.972	0.57	304.3	1973	1990	ESSO CANOXY NCO PANALTA
1.82	0.220	0.40	6 570	32	0.892	0.57	729.8	1956	1985	TCPL HUSKY PANALTA PART OF VIK POOL NO.5 PRODUCTION DECLINE
16.21	0.061	0.80	24 670	64	0.861	0.66	2 628.1	1962	1989	A&S TCPL MATERIAL BALANCE TOP/BASE TVD
2.12	0.239	0.55	3 050	27	0.946	0.56	623.4	1960	1990	
1.91	0.250	0.50	3 170	27	0.944	0.56	637.6	1960	1985	
0.81	0.250	0.50	3 170	27	0.944	0.56	663.0	1968	1985	
2.16	0.250	0.50	3 170	27	0.944	0.56	694.8	1965	1988	
								1960	1990	TCPL CWNGNUL
2.82	0.154	0.55	3 140	16	0.937	0.56	798.7	1910	1987	PART OF MILK RIV POOL NO.1
1.59	0.170	0.55	4 310	17	0.916	0.56	826.6	1904	1987	PART OF MED HAT POOL NO.1
2.22	0.230	0.55	3 170	20	0.939	0.56	649.5	1964	1984	
								1904	1984	TCPL PROGAS
1.50	0.203	0.75	7 740	40	0.868	0.62	1 229.1	1955	1985	TCPL
1.08	0.203	0.70	7 930	38	0.871	0.60	1 142.6	1961	1987	TCPL PRODUCTION DECLINE
3.23	0.152	0.50	7 250	33	0.878	0.60	1 054.8	1955	1985	TCPL
1.06	0.169	0.70	8 550	44	0.880	0.59	1 320.1	1952	1984	TCPL MATERIAL BALANCE
1.07	0.177	0.70	8 470	45	0.891	0.56	1 255.8	1955	1988	TCPL MATERIAL BALANCE
						0.66		1956	1985	TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
2.29	0.203	0.70	10 140	45	0.828	0.66	1 428.8	1956	1985	TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
5.14	0.227	0.75	10 200	44	0.811	0.69	1 426.9	1952	1987	CONING GAS CAP
						0.69		1952	1987	CONING GAS CAP
7.19	0.219	0.75	10 240	44	0.810	0.69	1 438.1	1952	1986	CONING GAS CAP
								1952	1987	TCPL CONING GAS CAP
4.38	0.209	0.70	10 140	44	0.831	0.64	1 364.8	1955	1984	TCPL PRODUCTION DECLINE
17.37	0.220	0.75	10 270	44	0.824	0.64	1 375.0	1957	1989	TCPL MATERIAL BALANCE
3.23	0.208	0.70	10 140	44	0.816	0.66	1 401.2	1960	1987	TCPL PRODUCTION DECLINE
17.27	0.210	0.70	10 270	44	0.809	0.67	1 416.5	1960	1989	TCPL PRODUCTION DECLINE
1.85	0.170	0.85	10 070	44	0.778	0.75	1 402.7	1968	1988	TCPL PRODUCTION DECLINE
2.44	0.170	0.50	9 900	43	0.826	0.65	1 397.3	1960	1987	
3.00	0.160	0.60	9 630	39	0.815	0.66	1 380.2	1979	1988	
								1960	1990	TCPL
2.43	0.190	0.55	10 000	39	0.821	0.64	1 254.4	1954	1988	TCPL PART OF GLAUC POOL NO.6
1.40	0.280	0.75	9 470	44	0.828	0.66	1 393.8	1956	1973	TCPL
1.74	0.200	0.70	10 220	46	0.817	0.67	1 449.1	1956	1984	TCPL MATERIAL BALANCE
12.17	0.150	0.70	10 160	42	0.813	0.66	1 370.4	1960	1985	TCPL
3.97	0.150	0.40	8 570	52	0.870	0.63	1 486.9	1962	1988	PRODUCTION DECLINE
2.10	0.180	0.50	11 250	60	0.833	0.68	1 592.5	1963	1985	PRODUCTION DECLINE
8.10	0.123	0.70	11 420	62	0.836	0.67	1 681.6	1962	1989	PRODUCTION DECLINE
								1962	1985	TCPL PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
HYLO 065-15W4									
LOWER MANNVILLE A	838	0.70	0.05	558	187	371	37	13 757	6 122
OTHER	1 328			838	359	479		17 788	
TOTAL-HYLO	2 166			1 396	546	850		31 545	
HYTHE 073-10W6									
TOTAL-HYTHE	1 382			887	69	818		33 015	
INLAND 051-15W4									
TOTAL-INLAND	3 219			1 733	774	959		35 210	
INNISFAIL 035-01W5									
D-3 SOLN	6 000	0.60	0.40	2 160[b]			39		
D-3 ASSOC	253	0.65	0.30	115[b]	2 101[b]	174	39	6 810	307
OTHER	1 371			847	14	833		33 050	
TOTAL-INNISFAIL	7 624			3 122	2 115	1 007		39 860	
INVERNESS (SA) 068-12W5									
TOTAL-INVERNESS	84			53		53		2 059	
IOSEGUN (SA) 067-20W5									
TOTAL-IOSEGUN	52			35		35		1 038	
IPIATIK 072-09W4									
GRAND RAPIDS A	778	0.60	0.05	444	281	163	37	6 016	9 444
GRAND RAPIDS B	653	0.50	0.05	311	205	106	37	3 905	7 281
OTHER	654			335	154	181		6 676	
TOTAL-IPIATIK	2 085			1 090	640	450		16 597	
IRON SPRINGS 011-20W4									
TOTAL-IRON SPRINGS	409			278	34	244		8 857	
IRRICANA 027-27W4									
WABAMUN A	1 333	0.45	0.25	450	450	< 1	36	-	801
WABAMUN B	901	0.55	0.20	397	2	395	37	14 433	1 930
OTHER	211			122	57	65		2 375	
TOTAL-IRRICANA	2 445			969	509	460		16 808	
ISLAY 050-04W4									
TOTAL-ISLAY	61			44	4	40		1 388	
JACK 085-04W6									
TOTAL-JACK	217			150	43	107		3 974	
JARVIE 063-01W5									
VIKING A	520	0.80	0.05	395	37	358	38	13 729	5 293
ELLERSLIE B	488	0.75	0.05	348	109	239	39	9 223	2 017
OTHER	1 303			859	160	699		26 542	
TOTAL-JARVIE	2 311			1 602	306	1 296		49 494	
JARVIE NORTH 064-02W5									
TOTAL-JARVIE NORTH	289			194		194		7 298	
JASLAN 067-21W4									
TOTAL-JASLAN	109			72		72		2 700	
JAYAR 061-03W6									
TOTAL-JAYAR	681			308	16	292		11 852	
JEAN (SA) 098-24W4									
TOTAL-JEAN	225			170		170		6 300	
JEFFREY 059-23W4									
TOTAL-JEFFREY	141			88	1	87		3 248	
JENNER 020-09W4									
MILK RIVER A	5 278	0.70	0.05	3 510			36		38 808
MEDICINE HAT A	1 914	0.70	0.03	1 300			36		36 071
MEDICINE HAT C	74	0.50	0.03	36			36		2 841
MEDICINE HAT D	144	0.50	0.03	70			36		4 999
SECOND WHITE SPECKS A	1 585	0.75	0.05	1 130			36		20 095
SE ALTA GAS SYS(MU) TOTAL	8 995	0.70	0.05	6 046	2 061	3 985	36	145 333	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.62	0.273	0.55	2 460	19	0.951	0.56	481.9	1972	1988	TCPL
						0.84		1957	1989	TCPL GPP
6.52	0.058	0.85	24 480	68	0.796	0.84	2 565.9	1957	1989	TCPL GPP
2.42	0.290	0.70	1 630	13	0.966	0.56	317.8	1974	1986	ESSO A&S NCO PANALTA
2.79	0.282	0.70	1 590	14	0.967	0.56	318.0	1974	1986	NCO PANALTA
4.07	0.050	0.70	24 340	74	0.916	0.65	2 317.0	1958	1986	CANOXY PRODUCTION DECLINE
6.52	0.053	0.60	24 200	71	0.889	0.71	2 345.8	1969	1986	PANALTA PROGAS
1.34	0.208	0.60	5 610	32	0.891	0.61	674.6	1960	1987	PANALTA
2.60	0.216	0.65	6 460	40	0.885	0.62	905.8	1965	1986	PANALTA
5.38	0.154	0.55	3 140	16	0.937	0.56	394.3	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.23	0.170	0.55	4 310	17	0.916	0.56	481.6	1904	1987	PART OF MED HAT POOL NO.1
0.66	0.139	0.60	4 450	19	0.916	0.56	478.5	1973	1987	PART OF MED HAT POOL NO.3
0.73	0.139	0.60	4 450	19	0.916	0.56	505.0	1973	1987	PART OF MED HAT POOL NO.4
1.02	0.216	0.60	5 690	27	0.904	0.56	665.4	1944	1987	PART OF 2WS POOL NO.1
								1904	1987	RENENER TCPL HUSKY DIRECT PANALTA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE	POOL RECOVERY	SURFACE LOSS	INITIAL ESTABLISHED RESERVES	NET CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	GROSS HEAT VALUE	REMAINING ENERGY CONTENT	AREA
	10^6m^3	frac	frac	10^6m^3	10^6m^3	10^6m^3	MJ/m^3	TJ	ha
JENNER 020-09W4 (CONTINUED)									
VIKING J	454	0.80	0.05	345	201	144	37	5 342	2 866
BASAL COLORADO D	669	0.85	0.05	541	103	438	36	15 921	2 166
ARCS A	534	0.80	0.20	342	272	70	35	2 444	400
OTHER	5 873			4 011	894	3 117		111 744	
TOTAL-JENNER	16 525			11 285	3 531	7 754		280 784	
JILES 063-21W4									
TOTAL-JILES	360			215	42	173		6 488	
JOAN 092-10W5									
TOTAL-JOAN	18			10		10		371	
JOARCAM 048-21W4									
VIKING C SOLN	5	0.60	0.05	3[b]			38		
VIKING C ASSOC	892	0.60	0.05	508[b]	51[b]	460	38	17 498	19 446
VIKING ASSOC	2 174	0.80	0.35	1 130[b]			37		13 277
VIKING SOLN	1 445	0.54	0.40	468[b]			37		
VIKING ASSOC	2	0.55	0.05	1[b]			38		16
VIKING TOTAL	3 621	0.70	0.35	1 599[b]	1 304[b]	295	37	10 868	
OTHER	2 035			1 422	86	1 336		49 988	
TOTAL-JOARCAM	6 553			3 532	1 441	2 091		78 354	
JOFFRE 038-26W4									
BLAIRMORE J	425	0.85	0.10	325	250	75	40	3 013	486
UPPER MANNVILLE A	393	0.85	0.15	284			41		205
UPPER MANNVILLE B	55	0.65	0.10	32			40		150
BLAIRMORE C	447	0.85	0.10	342			40		1 473
U MANN A&B,BLAIR C TOTAL	895	0.85	0.10	658	621	37	40	1 490	
D-2 SOLN	3 689	0.38	0.55	631	511	120	43	5 135	
OTHER	3 694			1 630	210	1 420		55 470	
TOTAL-JOFFRE	8 703			3 244	1 592	1 652		65 108	
JOHN LAKE 055-01W4									
TOTAL-JOHN LAKE	1 954			1 230	467	763		27 690	
JOHNSON 016-14W4									
MILK RIVER A	535	0.70	0.05	356			36		3 833
SECOND WHITE SPECKS A	137	0.75	0.05	98			36		2 427
SE ALTA GAS SYS(MU) TOTAL	672	0.70	0.05	454	11	443	36	16 156	
OTHER	439			248	5	243		8 886	
TOTAL-JOHNSON	1 111			702	16	686		25 042	
JOLI FOU (SA) 081-20W4									
TOTAL-JOLI FOU	42			22		22		781	
JOLIET 025-07W4									
TOTAL-JOLIET	84			60		60		2 170	
JOSEPHINE 083-09W6									
KISKATINAW A	991	0.70	0.05	659	572	87	39	3 365	1 600
OTHER	43			31		31		1 161	
TOTAL-JOSEPHINE	1 034			690	572	118		4 526	
JOUSSARD (SA) 074-14W5									
TOTAL-JOUSSARD	202			141		141		5 332	
JUDSON (SA) 007-12W4									
TOTAL-JUDSON	24			16		16		585	
JUDY CREEK 063-11W5									
VIKING A SOLN	288	0.65	0.30	131[b]			38		
VIKING A ASSOC	2 747	0.91	0.10	2 250[b]	2 307[b]	74	38	2 822	8 965
BEAVERHILL LAKE B SOLN	7 872	0.47	0.20	2 960	2 751	209	43	8 962	
BEAVERHILL LAKE A SOLN	40 476	0.21	0.30	5 950[b]			43		
BEAVERHILL LAKE A ASSOC		0.70	0.10		4 607[b]	1 343	43	57 588	
OTHER	696			457	-83	540		21 972	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.48	0.239	0.60	6 760	23	0.871	0.59	746.1	1971	1989	SCEPTRE TCPL
2.11	0.226	0.65	8 950	28	0.848	0.60	855.5	1980	1983	SCEPTRE
11.30	0.131	0.80	10 500	46	0.830	0.79	1 214.2	1981	1983	PROGAS NONCOMMERCIAL OIL
						0.61		1949	1990	ESSO VECTOR A&S CWNGNUL NCO PROGAS CONCURRENT PRODUCTION
0.91	0.167	0.50	6 000	42	0.897	0.61	983.5	1949	1990	ESSO VECTOR A&S CWNGNUL NCO PROGAS CONCURRENT PRODUCTION
1.96	0.196	0.70	5 960	38	0.895	0.64	985.9	1949	1988	CONCURRENT PRODUCTION, GAS FLOOD
						0.64		1949	1988	CONCURRENT PRODUCTION, GAS FLOOD
1.50	0.210	0.70	4 640	32	0.914	0.61	988.6	1949	1988	ASSIGNED WELL 09-18-049-21W4M
								1949	1988	ESSO VECTOR A&S CWNGNUL NCO PROGAS CONCURRENT PRODUCTION
4.77	0.145	0.75	15 150	55	0.780	0.71	1 791.0	1957	1987	TCPL PANALTA
3.91	0.230	0.90	14 180	68	0.791	0.75	1 761.0	1967	1980	MATERIAL BALANCE
3.35	0.120	0.75	11 200	54	0.803	0.71	1 784.5	1964	1988	
1.65	0.148	0.70	16 110	56	0.785	0.72	1 823.8	1958	1990	
								1958	1990	POCO TCPL DART CWNGNUL
						0.86		1956	1990	TCPL
3.80	0.154	0.55	3 140	16	0.937	0.56	342.7	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.73	0.216	0.60	5 690	27	0.904	0.56	626.6	1944	1987	PART OF 2WS POOL NO.1
								1940	1989	TCPL
9.27	0.138	0.70	15 640	69	0.845	0.66	1 749.9	1974	1986	TCPL MATERIAL BALANCE
						0.62		1959	1986	A&S CWNGNUL HUSKY MATERIAL BALANCE CONCURRENT PRODUCTION
2.40	0.184	0.65	8 890	56	0.878	0.62	1 375.1	1959	1986	A&S CWNGNUL HUSKY MATERIAL BALANCE CONCURRENT PRODUCTION
						0.87		1959	1990	A&S
						0.87		1959	1990	A&S DEEP CUT SL, DRY GAS BREAKTHROUGH
						0.87		1959	1990	A&S DEEP CUT SL, DRY GAS BREAKTHROUGH

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10⁶m³	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10⁶m³	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10⁶m³	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10⁶m³	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m³	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
JUDY CREEK 063-11W5 (CONTINUED)									
TOTAL-JUDY CREEK	52 079			11 748	9 582	2 166		91 344	
JUDY CREEK SOUTH 062-12W5									
TOTAL-JUDY CREEK SOUTH	971			539	74	465		18 689	
JUMPBUSH 019-20W4									
BI SS 020-21	585	0.75	0.05	417		417	36	15 079	1 947
OTHER	1 108			657	46	611		23 663	
TOTAL-JUMPBUSH	1 693			1 074	46	1 028		38 742	
JUMPING POUND 025-04W5									
MISSISSIPPIAN	6 435	0.88	0.17	4 700			39		469
MISSISSIPPIAN	18 209	0.88	0.17	13 300			39		1 485
MISSISSIPPIAN TOTAL	24 644	0.90	0.15	18 000	15 012	2 988	39	117 279	
TOTAL-JUMPING POUND	24 644			18 000	15 012	2 988		117 279	
JUMPING POUND WEST 025-06W5									
RUNDLE C	22 059	0.85	0.20	15 000	7 152	7 848	39	303 404	4 084
RUNDLE A		0.85	0.20				39		7 891
RUNDLE B		0.85	0.20				39		1 143
RUNDLE A & B TOTAL	52 941	0.85	0.20	36 000	19 493	16 507	39	642 452	
PEK 19-026-06	475	0.85	0.15	343		343	39	13 281	200
TV 36-024-06	1 493	0.90	0.10	1 210		1 210	39	47 057	512
TV 36-024-06	722	0.85	0.20	491		491	39	19 002	512
TOTAL-JUMPING POUND WEST	77 690			53 044	26 645	26 399		1 025 196	
KAHNTAH (SA) 097-18W5									
TOTAL-KAHNTAH	38			23		23		854	
KAKISA (SA) 117-01W6									
TOTAL-KAKISA	20			14		14		511	
KAKUT 075-03W6									
TOTAL-KAKUT	496			349		349		13 478	
KAKWA 064-05W6									
MAIN CARDIUM A ASSOC	826	0.85	0.10	632		632	40	25 514	2 387
A CARDIUM A SOLN	1 708	0.65	0.15	944		944	43[a]	40 318	
A CARDIUM A ASSOC	1 120	c	c	840	-140	980	43[a]	41 856	3 432
OTHER	2 802			1 876	286	1 590		63 440	
TOTAL-KAKWA	6 456			4 292	146	4 146		171 128	
KALELAND (SA) 054-13W4									
TOTAL-KALELAND	57			40		40		1 498	
KARR 065-03W6									
CADOTTE A	700	0.80	0.05	532		532	39	20 631	1 577
NOTI 066-04	1 283	0.90	0.10	1 040		1 040	39	40 737	1 013
NOTIKEWIN B	27	0.70	0.10	17			41		570
FALHER A	273	0.80	0.10	196			40		250
BLUESKY A	12 737	0.75	0.15	8 120			41		22 578
GETHING E	114	0.75	0.10	77			38		150
CADOMIN B	659	0.85	0.05	532			39		937
FT ST JOHN&BHLD MU#1 TOTAL	13 810	0.75	0.15	8 942	2 187	6 755	40	272 699	
OTHER	2 366			1 602	63	1 539		60 011	
TOTAL-KARR	18 159			12 116	2 250	9 866		394 078	
KAYBOB 064-19W5									
UPPER MANNVILLE A	123	0.70	0.05	82			39		150
NOTIKEWIN A	8 347	0.85	0.05	6 740			39		12 306
NOTIK A & U MANN A TOTAL	8 470	0.85	0.05	6 822	5 635	1 187	39	45 842	
NOTIKEWIN B	5 380	0.90	0.05	4 600	4 350	250	38	9 450	13 652
NOTIKEWIN E	1 932	0.85	0.05	1 560	558	1 002	38	38 487	8 408
GETHING K SOLN	328	0.65	0.55	96[b]			39		
GETHING K ASSOC	2 706	0.85	0.10	2 070[b]	1 207[b]	959	39	37 564	2 637
GETHING L SOLN	4	0.65	0.15	3[b]			40		
GETHING L ASSOC	459	0.80	0.10	330[b]	119[b]	214	40	8 464	888
GETHING J	415	0.85	0.10	318	27	291	39	11 369	551

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.69	0.218	0.65	7 380	29	0.881	0.58	1 134.5	1973	1975	PROGAS RENENER
38.71	0.078	0.90	27 410	82	0.915	0.69	2 928.9	1944	1984	MATERIAL BALANCE DEEP CUT SL
43.28	0.079	0.90	27 410	82	0.915	0.69	2 936.4	1944	1984	MATERIAL BALANCE DEEP CUT SL
								1944	1983	TCPL CWNGNUL
40.58	0.061	0.85	29 470	83	0.917	0.74	3 476.7	1967	1986	TCPL CWNGNUL DEEP CUT SL
35.87	0.063	0.85	29 510	79	0.928	0.70	3 325.4	1961	1984	MATERIAL BALANCE TOP/BASE TVD, DEEP CUT SL
36.82	0.067	0.85	29 600	88	0.936	0.70	3 588.5	1963	1986	MATERIAL BALANCE TOP/BASE TVD
								1961	1984	TCPL CWNGNUL
13.41	0.100	0.75	30 561	104	0.976	0.66	3 430.1	1977	1979	TCPL CWNGNUL TOP/BASE TVD
28.20	0.070	0.80	22 630	103	0.927	0.65	3 496.9	1983	1987	TCPL CWNGNUL TOP/BASE TVD
20.60	0.058	0.60	23 960	105	0.917	0.72	3 554.2	1983	1986	TCPL CWNGNUL TOP/BASE TVD
3.69	0.087	0.70	13 410	49	0.769	0.68	1 667.6	1979	1990	UNOCAL CHEL HUSKY
						0.85		1978	1990	ESSO UNOCAL CHEL GAS CYCLING
1.48	0.139	0.70	20 990	55	0.734	0.85	1 714.8	1978	1990	ESSO UNOCAL CHEL GAS CYCLING
4.01	0.133	0.55	15 110	58	0.858	0.58	1 962.3	1979	1989	AEC HUSKY GULF PANALTA
7.50	0.139	0.65	18 650	62	0.847	0.63	2 028.7	1988	1989	HUSKY AEC GULF PANALTA
3.34	0.115	0.60	12 250	55	0.781	0.73	1 944.4	1977	1989	PRODUCTION DECLINE
6.00	0.080	0.70	22 100		0.708	0.68	2 274.5	1982	1990	
3.40	0.116	0.70	19 560	69	0.796	0.77	2 289.1	1968	1990	
5.00	0.110	0.55	19 070	97	0.899	0.66	2 416.4	1979	1989	MATERIAL BALANCE
4.51	0.114	0.70	21 540	80	0.888	0.64	2 586.1	1979	1989	
								1968	1990	
6.70	0.180	0.65	10 780	64	0.872	0.62	1 557.1	1964	1987	
4.03	0.189	0.65	10 550	40	0.826	0.63	1 549.6	1957	1990	MATERIAL BALANCE
								1957	1987	A&S PANALTA
2.84	0.159	0.65	9 790	56	0.875	0.61	1 485.2	1957	1986	A&S DIRECT MATERIAL BALANCE
1.94	0.165	0.65	11 890	56	0.856	0.61	1 379.6	1978	1989	DIRECT TCPL A&S NCO PCI PROGAS MATERIAL BALANCE
						0.66		1957	1990	A&S CONCURRENT PRODUCTION
6.19	0.159	0.70	15 240	71	0.846	0.66	1 762.4	1957	1990	A&S CONCURRENT PRODUCTION
						0.66		1957	1989	A&S DIRECT PROGAS CONCURRENT PRODUCTION, SLUSH OIL
3.11	0.162	0.70	14 380	63	0.831	0.66	1 751.5	1957	1989	A&S DIRECT PROGAS CONCURRENT PRODUCTION, SLUSH OIL
4.37	0.150	0.70	15 530	54	0.823	0.63	1 778.9	1959	1989	A&S

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10⁶m³	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10⁶m³	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10⁶m³	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10⁶m³	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m³	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
KAYBOB 064-19W5 (CONTINUED)									
GETHING H	731	0.75	0.10	493			40		1 408
GETHING T	68	0.80	0.10	49			39		150
GETHING H & T TOTAL	799	0.75	0.10	542	68	474	39	18 709	
BEAVERHILL LAKE A SOLN	8 826	0.45	0.20	3 178	2 778	400	43	17 156	
BEAVERHILL LAKE B SOLN	552	0.65	0.15	305[b]			40		
BEAVERHILL LAKE B ASSOC	169	0.75	0.10	114[b]	127[b]	292	40	11 800	533
BEAVERHILL LAKE C	2 104	c	c	1 610	147	1 463	41[a]	60 115	1 763
OTHER	3 928			2 650	95	2 555		99 369	
TOTAL-KAYBOB	36 072			24 198	15 111	9 087		358 325	
KAYBOB SOUTH 060-18W5									
VIKING A	1 074	0.90	0.10	871	425	446	39	17 599	4 932
BLUESKY B	1 064	0.75	0.10	718	156	562	39	22 137	1 701
GETHING A	794	0.75	0.05	566	390	176	39	6 908	1 452
GETHING D	1 548	0.85	0.05	1 250	228	1 022	32	33 195	3 134
GETHING K	1 438	0.85	0.10	1 100	64	1 036	39	39 927	2 245
GETHING H	1 852	0.75	0.05	1 320	188	1 132	39	44 023	3 590
CADOMIN A	1 216	0.90	0.05	1 040	526	514	39	19 953	815
CADOMIN D	753	0.85	0.05	608	406	202	39	7 864	440
CADOMIN K	682	0.75	0.05	486	301	185	39	7 184	150
TRIASSIC A ASSOC	1 258	0.35	0.20	352[b]			44		1 415
TRIASSIC A SOLN	4 294	0.53	0.25	1 707[b]			44		
TRIASSIC A ASSOC	187	0.75	0.20	112[b]			44		782
TRIASSIC A TOTAL	5 739	0.50	0.25	2 171[b]	1 326[b]	845	44	37 273	
TRIASSIC B	2 206	0.80	0.15	1 500	668	832	40	33 654	1 721
BLUERIDGE A	2 600	0.75	0.40	1 170	91	1 079	40	42 998	1 295
NISKU A	486	0.90	0.10	393		393	42	16 329	440
BEAVERHILL LAKE A	104 424	c	c	36 400	18 798	17 602	40[a]	711 121	20 015
OTHER	6 112			3 984	661	3 323		130 756	
TOTAL-KAYBOB SOUTH	131 988			53 577	24 228	29 349		1 170 921	
KEHIWIN 059-06W4									
GRAND RAPIDS A	610	0.75	0.05	435	263	172	38	6 555	3 515
OTHER	906			572	171	401		14 891	
TOTAL-KEHIWIN	1 516			1 007	434	573		21 446	
KEHO 011-22W4									
TOTAL-KEHO	979			539	277	262		9 166	
KELLY (SA) 073-19W4									
TOTAL-KELLY	23			13		13		483	
KELSEY 044-18W4									
BELLY RIVER B	667	0.75	0.05	475	366	109	38	4 090	4 623
OTHER	1 751			1 101	97	1 004		37 571	
TOTAL-KELSEY	2 418			1 576	463	1 113		41 661	
KEMP (SA) 098-23W5									
TOTAL-KEMP	14			9		9		333	
KENT 062-02W4									
GRAND RAPIDS D	494	0.65	0.05	305	66	239	37	8 898	902
OTHER	972			575	180	395		14 770	
TOTAL-KENT	1 466			880	246	634		23 668	
KIDNEY 091-04W5									
TOTAL-KIDNEY	274			130		130		4 494	
KILLAM 043-10W4									
UPPER & MIDDLE VIK. A	1 924	0.75	0.03	1 400	1 279	121	36	4 406	66 108
GLAUCONITIC HH	499	0.80	0.10	359	269	90	34	3 082	223
ELLERSLIE C	506	0.80	0.05	385	116	269	37	9 915	2 815
OTHER	6 972			4 475	1 540	2 935		106 857	
TOTAL-KILLAM	9 901			6 619	3 204	3 415		124 260	
KILLAM NORTH 044-13W4									
UPPER & MID VIKING A		0.70	0.03				36		55 971
BASAL MANNVILLE C		0.70	0.03				36		202
BASAL MANNVILLE U	56	0.65	0.05	34			37		200
NISKU A		0.70	0.03				36		32

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.63	0.146	0.70	14 540	75	0.849	0.67	1 873.3	1981	1985	
3.00	0.140	0.60	17 940	65	0.837	0.66	1 817.5	1982	1990	
								1981	1990	PANALTA
						0.79		1957	1990	A&S
						0.73		1961	1990	A&S CONCURRENT PRODUCTION
3.11	0.057	0.75	30 520	108	0.958	0.73	2 930.7	1961	1990	A&S CONCURRENT PRODUCTION
10.60	0.060	0.75	30 540	108	0.911	1.03	2 948.1	1961	1990	A&S GAS CYCLING SCHEME
2.50	0.134	0.55	10 010	66	0.864	0.66	1 718.0	1960	1989	A&S
5.36	0.119	0.75	13 700	80	0.844	0.71	2 153.7	1977	1988	PANALTA PROGAS TRIL
3.87	0.141	0.65	14 790	83	0.879	0.62	2 093.7	1959	1990	PANALTA PROGAS
4.40	0.125	0.65	14 110	57	0.880	0.67	2 100.9	1977	1990	PANALTA PROGAS DEEP CUT SL
4.29	0.137	0.70	16 990	82	0.874	0.65	2 193.8	1971	1990	A&S GULF PANALTA PROGAS
4.25	0.143	0.65	13 920	75	0.871	0.63	2 016.8	1957	1990	TCPL PANALTA PROGAS PART OF GETHING POOL NO.1
7.16	0.148	0.65	15 380	83	0.877	0.64	2 004.7	1961	1973	TCPL PROGAS
8.02	0.150	0.65	15 130	80	0.873	0.64	1 986.0	1967	1989	PRODUCTION DECLINE
6.40	0.148	0.65	14 630	80	0.875	0.64	2 058.2	1963	1989	A&S PRODUCTION DECLINE
5.06	0.127	0.75	17 060	73	0.760	0.81	1 969.3	1962	1988	CONING GAS CAP
						0.81		1962	1988	CONING GAS CAP
1.78	0.097	0.75	17 060	73	0.760	0.81	2 090.8	1962	1988	
								1962	1988	A&S CONING GAS CAP
3.47	0.111	0.75	19 310	91	0.867	0.70	2 376.6	1976	1986	TCPL PROGAS MATERIAL BALANCE
19.29	0.059	0.80	25 220	106	0.858	0.84	2 901.6	1978	1990	GULF PANALTA PROGAS DEEP CUT SL
12.20	0.050	0.80	28 270	108	0.932	0.73	2 907.7	1958	1984	
31.12	0.081	0.80	31 720	115	0.880	1.01	3 269.1	1961	1985	TCPL A&S CNG GAS CYCLING SCHEME
2.46	0.295	0.80	2 840	15	0.938	0.57	397.2	1971	1990	TCPL
2.65	0.277	0.50	2 870	16	0.940	0.57	428.5	1974	1990	A&S TCPL PRODUCTION DECLINE
3.01	0.323	0.75	2 340	16	0.951	0.57	283.8	1965	1989	DIRECT MATERIAL BALANCE
1.47	0.173	0.35	5 500	24	0.895	0.61	637.6	1917	1985	ESSO TCPL BP NCO PART OF VIK POOL NO.2 MATERIAL BALANCE
4.52	0.270	0.85	7 060	31	0.867	0.69	952.2	1976	1990	TCPL PRODUCTION DECLINE
1.75	0.232	0.65	6 830	45	0.897	0.61	916.9	1957	1982	TCPL
1.15	0.181	0.35	5 500	24	0.895	0.60	710.1	1917	1989	PART OF VIK POOL NO.2 MATERIAL BALANCE
0.91	0.240	0.50	6 070	28	0.891	0.60	827.4	1976	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
2.75	0.250	0.60	6 480	31	0.887	0.59	924.9	1978	1988	PART OF VIK POOL NO.2
3.30	0.200	0.65	5 240	28	0.905	0.60	832.3	1976	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10⁶m³	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10⁶m³	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10⁶m³	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10⁶m³	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m³	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
KILLAM NORTH 044-13W4 (CONTINUED)									
U&M V A,BMN C&U &NIS TOTAL	1 677	0.70	0.05	1 135	961	174	37	6 523	
UPPER MANNVILLE P	468	0.75	0.05	333	116	217	37	8 114	1 323
OTHER	4 729			3 135	1 105	2 030		75 218	
TOTAL-KILLAM NORTH	6 874			4 603	2 182	2 421		89 855	
KILSYTH 065-04W5									
TOTAL-KILSYTH	30			19		19		644	
KIMIWAN 079-20W5									
TOTAL-KIMIWAN	210			143	124	19		699	
KINGMAN 049-19W4									
TOTAL-KINGMAN	233			153	35	118		4 397	
KINMUNDY 025-09W4									
TOTAL-KINMUNDY	37			25		25		943	
KIRBY 074-05W4									
UPPER MANNVILLE A	3 508	0.60	0.05	2 000	229	1 771	36	63 986	26 026
UPPER MANNVILLE C	2 982	0.60	0.05	1 700	122	1 578	37	58 875	46 729
UPPER MANNVILLE D	1 698	0.80	0.05	1 290	541	749	37	27 953	10 227
UPPER MANNVILLE I	10 252	0.50	0.05	4 870	3 113	1 757	37	65 009	37 160
UPPER MANNVILLE J	644	0.70	0.05	428		428	37	15 819	7 464
UPPER MANNVILLE K	1 079	0.75	0.05	769	148	621	37	22 840	5 698
OTHER	2 717			1 426	123	1 303		48 346	
TOTAL-KIRBY	22 880			12 483	4 276	8 207		302 828	
KIRKWALL 027-05W4									
VIKING A	806	0.70	0.05	536	525	11	37	403	5 255
VIKING B	869	0.65	0.05	537	457	80	37	2 939	3 459
OTHER	517			361	17	344		12 915	
TOTAL-KIRKWALL	2 192			1 434	999	435		16 257	
KISKIU (SA) 057-02W6									
TOTAL-KISKIU	197			133		133		5 050	
KITSIM 017-16W4									
MILK RIVER A	188	0.70	0.05	125			36		2 970
MEDICINE HAT A	397	0.70	0.03	270			36		6 095
SE ALTA GAS SYS(MU) TOTAL	585	0.70	0.05	395		395	36	14 406	
OTHER	188			136	16	120		4 356	
TOTAL-KITSIM	773			531	16	515		18 762	
KITTY 085-12W5									
TOTAL-KITTY	34			23		23		847	
KIYA (SA) 096-24W5									
TOTAL-KIYA	16			10		10		375	
KLESKUN (SA) 072-02W6									
TOTAL-KLESKUN	27			19		19		697	
KNAPPEN 001-11W4									
LOWER MANNVILLE G	396	0.80	0.05	301		301	36	10 971	150
OTHER	484			332	133	199		7 367	
TOTAL-KNAPPEN	880			633	133	500		18 338	
KNELLER 049-23W4									
TOTAL-KNELLER	527			317	230	87		3 252	
KNOPCIK 074-11W6									
DOE CREEK A	1 109	0.75	0.10	749			40		5 221
DOE CREEK C	27	0.70	0.10	17			40		615
DOE CREEK A & C TOTAL	1 136	0.75	0.10	766	269	497	40	19 885	
PADDY C	711	0.80	0.10	512	140	372	40	14 962	1 155
JURASSIC B	1 683	0.70	0.10	1 060			41		3 361
JURASSIC C	261	0.80	0.10	188			40		200
JURASSIC B & C TOTAL	1 944	0.70	0.10	1 248	441	807	41	33 176	
DOIG A	496	0.80	0.10	357	19	338	38	12 868	200
DOIG B	515	0.85	0.10	394	27	367	38	13 851	200

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1917	1987	TCPL A&S NCO RENENER PART OF VIK POOL NO.2
4.26	0.227	0.60	5 790	28	0.898	0.57	822.7	1976	1990	TCPL
3.85	0.308	0.70	1 610	18	0.969	0.57	285.9	1977	1990	A&S DART PANALTA PROGAS
2.13	0.307	0.65	1 490	18	0.970	0.55	314.2	1978	1989	HUSKY A&S DART PANALTA PCI PROGAS
3.76	0.339	0.55	2 330	20	0.955	0.55	371.9	1977	1989	A&S PANALTA PROGAS
5.89	0.314	0.70	2 120	22	0.959	0.56	418.5	1977	1989	A&S PANALTA PCI PROGAS
1.76	0.323	0.70	2 170	24	0.959	0.57	462.5	1978	1989	A&S PCI PROGAS
3.85	0.333	0.65	2 240	20	0.957	0.56	353.2	1978	1990	EMI DART PANALTA PROGAS
1.19	0.303	0.65	6 570	31	0.893	0.57	796.9	1968	1987	TCPL PRODUCTION DECLINE
1.88	0.290	0.60	6 600	31	0.891	0.58	759.3	1972	1988	TCPL NCO PANALTA PRODUCTION DECLINE
2.50	0.154	0.55	3 140	16	0.937	0.56	416.9	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.51	0.170	0.55	4 310	17	0.916	0.56	505.1	1904	1987	PART OF MED HAT POOL NO.1
								1904	1987	TCPL PROGAS
15.50	0.320	0.85	5 820	23	0.893	0.58	742.8	1981	1988	
2.68	0.187	0.65	6 210	39	0.868	0.66	897.7	1964	1990	
0.84	0.159	0.50	6 170	33	0.862	0.65	906.6	1985	1989	
								1964	1990	ESSO PANALTA POCO PROGAS TCPL
4.57	0.158	0.65	11 900	52	0.794	0.69	1 434.9	1984	1990	ESSO A&S VECTOR EMI
2.70	0.121	0.80	18 370	70	0.795	0.74	2 065.9	1980	1990	
9.00	0.100	0.80	18 450	73	0.837	0.70	2 014.8	1989	1989	
								1980	1990	ESSO PANALTA POCO PROGAS
14.00	0.120	0.80	20 650	80	0.901	0.61	2 384.5	1987	1989	ESSO PROGAS TOP/BASE TVD
16.40	0.110	0.70	23 320	80	0.922	0.59	2 397.9	1986	1989	ESSO PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
KNOPCIK 074-11W6 (CONTINUED)									
OTHER	2 340			1 616	234	1 382		51 945	
TOTAL-KNOPCIK	7 142			4 893	1 130	3 763		146 687	
KOTCHO (SA) 112-11W6									
TOTAL-KOTCHO	3			2		2		72	
LA COREY 063-05W4									
TOTAL-LA COREY	500			290		290		10 796	
LA GLACE 074-08W6									
BLUESKY A	556	0.85	0.05	449		449	38	17 174	2 255
OTHER	77			55		55		2 167	
TOTAL-LA GLACE	633			504		504		19 341	
LAC LA BICHE 067-13W4									
TOTAL-LAC LA BICHE	319			201	169	32		1 190	
LACOMBE 040-26W4									
TOTAL-LACOMBE	575			391	194	197		7 579	
LAIT 001-10W4									
TOTAL-LAIT	860			610	350	260		9 597	
LAMBERT 051-22W5									
D-3 A	2 184	0.70	0.40	917	573	344	38	12 900	440
TOTAL-LAMBERT	2 184			917	573	344		12 900	
LAMONT 053-19W4									
TOTAL-LAMONT	56			36	1	35		1 329	
LANAWAY 036-03W5									
MANNVILLE ASSOC	626	0.70	0.15	372		372	40	14 794	748
ELKTON A SOLN	124	0.65	0.10	73[b]			40		
ELKTON A ASSOC	386	0.80	0.10	278[b]	17[b]	334	40	13 370	466
OTHER	1 866			1 084	115	969		38 308	
TOTAL-LANAWAY	3 002			1 807	132	1 675		66 472	
LANFINE 025-05W4									
TOTAL-LANFINE	41			29		29		1 073	
LARNE 116-03W6									
TOTAL-LARNE	762			548		548		20 051	
LATHOM 020-18W4									
BOW ISLAND A	600	0.85	0.05	485	281	204	36	7 401	200
OTHER	2 645			1 709	532	1 177		43 874	
TOTAL-LATHOM	3 245			2 194	813	1 381		51 275	
LATHROP (SA) 088-08W6									
TOTAL-LATHROP	57			35		35		1 340	
LATOR 063-02W6									
WAB 29-062-03	980	0.75	0.35	478		478	39	18 546	200
OTHER	741			475	27	448		17 700	
TOTAL-LATOR	1 721			953	27	926		36 246	
LATORNELL 063-01W6									
TOTAL-LATORNELL	28			19		19		741	
LAWRENCE 041-12W5									
TOTAL-LAWRENCE	697			460		460		17 969	
LEAHURST 039-18W4									
TOTAL-LEAHURST	3 754			2 396	182	2 214		84 898	
LEAMAN 055-11W5									
LOWER MANNVILLE F	838	0.85	0.10	641	425	216	40	8 722	1 668
NORDEGG B	1 124	0.85	0.10	860		860	39	33 480	1 776
OTHER	2 030			1 371	404	967		38 574	
TOTAL-LEAMAN	3 992			2 872	829	2 043		80 776	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.81	0.130	0.55	12 770	65	0.875	0.60	1 591.4	1979	1989	A&S CANST CWNGNUL BER
66.85	0.068	0.90	42 660	123	1.021	0.80	4 430.8	1979	1990	PANALTA MATERIAL BALANCE
4.73	0.122	0.80	17 140	68	0.788	0.78	2 234.9	1959	1983	METHON A&S UNIGAS
						0.71		1974	1990	CONCURRENT PRODUCTION
7.23	0.100	0.65	17 490	71	0.820	0.71	2 377.8	1974	1990	CONCURRENT PRODUCTION
13.88	0.210	0.55	8 530	36	0.877	0.58	1 019.9	1972	1989	TCPL MATERIAL BALANCE
22.50	0.095	0.85	38 910	135	1.006	0.81	3 956.0	1978	1984	BER
2.31	0.150	0.80	15 550	44	0.770	0.67	1 794.7	1972	1985	TCPL
7.09	0.123	0.60	12 070	62	0.847	0.66	1 642.9	1978	1989	AMOCO CANST AEC PROGAS BER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
LECKIE 019-17W4									
MILK RIVER A	549	0.70	0.05	365			36		5 874
MEDICINE HAT A	233	0.70	0.05	155			36		4 539
MEDICINE HAT C	24	0.50	0.05	11			36		833
SE ALTA GAS SYS (MU) TOTAL	806	0.70	0.05	531	41	490	36	17 870	
OTHER	134			94	84	10		373	
TOTAL-LECKIE	940			625	125	500		18 243	
LEDDY 084-25W5									
TOTAL-LEDDY	77			48		48		1 807	
LEDUC-WOODBEND 050-26W4									
ELRS 051-26 ASSOC	812	0.85	0.15	587		587	40	23 222	1 459
ELRS 049-25	568	0.90	0.10	460		460	38	17 655	1 740
D-2 B SOLN	1 225	0.75	0.50	460	418	42	42	1 746	
D-2 A SOLN	3 761	0.62	0.40	1 399[b]			43		
D-2 A ASSOC	1 072	0.85	0.15	774[b]	2 019[b]	154	43	6 676	3 954
D-3 A SOLN	5 998	0.65	0.30	2 729[b]			40		
D-3 A ASSOC	11 540	0.89	0.15	8 730[b]	5 098[b]	6 361	40	255 585	6 753
OTHER	7 339			4 684	1 710	2 974		115 264	
TOTAL-LEDUC-WOODBEND	32 315			19 823	9 245	10 578		420 148	
LEECH (SA) 060-09W5									
TOTAL-LEECH	11			8		8		309	
LEGAL 057-25W4									
UPPER MANNVILLE B	377	0.85	0.05	304		304	38	11 607	440
OTHER	194			127	74	53		2 004	
TOTAL-LEGAL	571			431	74	357		13 611	
LEISMER 077-09W4									
CLEARWATER A	24 291	0.65	0.05	15 000	6 023	8 977	37	336 009	72 924
OTHER	1 024			554		554		20 619	
TOTAL-LEISMER	25 315			15 554	6 023	9 531		356 628	
LELAND 059-26W5									
TOTAL-LELAND	43			29		29		1 135	
LEMING 065-04W4									
UPPER MANNVILLE E	427	0.75	0.05	304	224	80	37	2 963	910
OTHER	1 624			983	470	513		18 739	
TOTAL-LEMING	2 051			1 287	694	593		21 702	
LENNOX (SA) 045-02W5									
TOTAL-LENNOX	190			127		127		4 994	
LEO 035-17W4									
BELLY RIVER A	494	0.80	0.10	356	115	241	38	9 160	4 460
UPPER MANNVILLE F SOLN	19	0.65	0.10	11[b]			39		
UPPER MANNVILLE F ASSOC	2 778	0.80	0.10	2 000[b]	1 294[b]	717	39	27 777	4 382
OTHER	1 045			628	164	464		17 566	
TOTAL-LEO	4 336			2 995	1 573	1 422		54 503	
LEOPARD 009-20W4									
TOTAL-LEOPARD	42			20	19	1		34	
LEPINE 064-03W5									
TOTAL-LEPINE	60			38		38		1 501	
LESSARD 124-17W5									
TOTAL-LESSARD	7			5		5		184	
LETHBRIDGE 008-21W4									
TOTAL-LETHBRIDGE	19			14		14		512	
LIEGE 093-21W4									
WABISKAW A	2 674	0.50	0.05	1 270			37		44 725
WABISKAW C	84	0.50	0.05	40			37		2 623
WABISKAW D	144	0.50	0.05	68			37		2 994
MCMURRAY A	1 020	0.50	0.05	485			37		19 393
MCMURRAY B	12	0.50	0.05	6			37		300

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.70	0.154	0.55	3 140	16	0.937	0.56	494.1	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.19	0.170	0.55	4 310	17	0.916	0.56	581.5	1904	1988	PART OF MED HAT POOL NO.1
0.73	0.140	0.60	4 450	19	0.916	0.56	601.2	1973	1988	PART OF MED HAT POOL NO.3
								1904	1988	TCPL
3.81	0.200	0.70	10 000	55	0.831	0.71	1 317.6	1948	1989	ESSO
2.23	0.160	0.70	10 340	49	0.826	0.69	1 355.8	1951	1973	
						0.78		1950	1985	
						0.79		1947	1988	ESSO NCO GPP
12.56	0.020	0.80	12 290	66	0.764	0.79	1 529.0	1947	1988	ESSO NCO GPP
						0.76		1947	1987	ESSO CWNGNUL CONCURRENT PRODUCTION
18.22	0.080	0.85	13 060	67	0.792	0.76	1 605.0	1947	1987	ESSO CWNGNUL CONCURRENT PRODUCTION
6.34	0.235	0.60	8 590	31	0.839	0.62	963.9	1988	1989	DEVNIC
4.55	0.283	0.70	1 980	9	0.956	0.55	269.4	1974	1988	PCI HOME ESSO CANOXY KANNGAZ PROGAS MATERIAL BALANCE
1.82	0.329	0.75	2 670	20	0.948	0.56	429.0	1978	1990	PRODUCTION DECLINE
2.32	0.254	0.55	3 230	18	0.924	0.62	529.2	1973	1988	ESSO A&S TCPL NCO PANALTA SCEPTRE
						0.66		1971	1989	TCPL CONCURRENT PRODUCTION
4.80	0.213	0.70	8 030	35	0.837	0.66	1 122.9	1971	1989	TCPL CONCURRENT PRODUCTION
3.90	0.309	0.55	900	16	0.982	0.58	213.1	1959	1990	
2.21	0.302	0.50	940	10	0.979	0.57	221.7	1974	1987	
3.44	0.296	0.50	920	10	0.980	0.58	223.2	1979	1990	
3.71	0.291	0.55	890	18	0.982	0.58	299.5	1980	1990	
2.10	0.293	0.80	840	15	0.983	0.57	234.4	1985	1990	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
LIEGE 093-21W4 (CONTINUED)									
MCMURRAY C	1 370	0.50	0.05	651			37		32 186
MCMURRAY D	22	0.60	0.05	12			36		200
MCMURRAY E	4	0.50	0.05	2			37		334
MCMURRAY F	37	0.50	0.05	18			37		1 285
NISKU-U IRE-GROSMNT A	5 852	0.50	0.05	2 780			36		90 898
GROSMONT A	7 018	0.60	0.05	4 000			36		67 913
GROSMONT D	19	0.50	0.05	10			37		200
GROSMONT E	695	0.90	0.05	595			37		9 585
GROSMONT H	33	0.55	0.05	17			37		400
LEDUC A	2 982	0.60	0.05	1 700			37		19 737
MANN-DEVONIAN MU#1 TOTAL	21 966	0.55	0.05	11 654	6 272	5 382	37	196 443	
OTHER	483			274	38	236		8 682	
TOTAL-LIEGE	22 449			11 928	6 310	5 618		205 125	
LIMESTONE 033-10W5									
RUNDLE C	1 208	0.85	0.15	873	534	339	39	13 146	583
RUNDLE D	600	0.85	0.15	434	215	219	39	8 460	530
RUNDLE G	704	0.80	0.10	507	175	332	39	12 792	200
RUNDLE H	573	0.75	0.15	366	19	347	39	13 405	200
RUNDLE J	675	0.75	0.20	405		405	39	15 633	200
RUNDLE M	753	0.75	0.20	452		452	39	17 447	200
RUNDLE N	1 151	0.85	0.20	782		782	39	30 185	200
RUNDLE P	907	0.70	0.20	508		508	39	19 634	200
RUNDLE A	9 687	0.80	0.20	6 200			39		2 085
RUNDLE B	1 860	0.80	0.20	1 190			39		2 044
RUNDLE A & B TOTAL	11 547	0.80	0.20	7 390	3 860	3 530	39	136 364	
RUNDLE E	2 143	0.70	0.20	1 200			39		721
RUNDLE F	362	0.70	0.20	202			39		716
RUNDLE E & F TOTAL	2 505	0.70	0.20	1 402	264	1 138	39	43 927	
WABAMUN A	3 686	0.85	0.25	2 350	1 147	1 203	38	46 111	1 650
WABAMUN B	2 568	0.50	0.40	770	162	608	38	23 031	1 168
WABAMUN D	624	0.85	0.25	398	78	320	38	12 272	200
NISKU A	205	0.75	0.35	100			37		200
LEDUC A	1 229	0.75	0.35	599			37		200
NISKU A & LEDUC A TOTAL	1 434	0.75	0.35	699	331	368	37	13 719	
NISKU B	675	0.75	0.35	329			37		200
LEDUC B	954	0.85	0.35	527			37		200
NISKU B & LEDUC B TOTAL	1 629	0.80	0.35	856	215	641	37	23 986	
OTHER	2 746			1 763	269	1 494		57 413	
TOTAL-LIMESTONE	33 310			19 955	7 269	12 686		487 525	
LINDBERGH 057-05W4									
VIKING A	1 806	0.35	0.05	600	16	584	37	21 415	47 424
OTHER	5 849			3 804	1 280	2 524		93 414	
TOTAL-LINDBERGH	7 655			4 404	1 296	3 108		114 829	
LINK 034-17W4									
TOTAL-LINK	701			442	334	108		4 036	
LITTLE BOW 015-19W4									
UPPER MANNVILLE A	560	0.90	0.10	454	449	5	38	189	300
GLC SS 13-015-20	582	0.85	0.10	446		446	37	16 391	450
OTHER	6 908			4 289	938	3 351		124 820	
TOTAL-LITTLE BOW	8 050			5 189	1 387	3 802		141 400	
LITTLE SMOKY 067-22W5									
TOTAL-LITTLE SMOKY	557			383		383		14 831	
LIVOCK (SA) 085-23W4									
TOTAL-LIVOCK	2			1		1		37	
LLOYDMINSTER 050-01W4									
COLONY	610	0.60	0.05	348	252	96	35	3 376	4 600
SPARKY DD	501	0.70	0.05	333	44	289	35	9 976	2 724
OTHER	4 159			2 081	574	1 507		53 940	
TOTAL-LLOYDMINSTER	5 270			2 762	870	1 892		67 292	
LOCHEND 027-03W5									
CARDIUM A SOLN	1 232	0.65	0.20	641	173	468	41	19 141	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.66	0.265	0.50	880	17	0.983	0.58	257.0	1980	1990	
1.80	0.310	0.75	880	17	0.982	0.58	285.9	1985	1988	PRODUCTION DECLINE
0.90	0.306	0.45	900	22	0.983	0.55	410.1	1980	1987	
2.67	0.252	0.45	920	8	0.979	0.58	231.1	1986	1989	
14.50	0.200	0.25	920	27	0.983	0.58	260.0	1974	1990	
18.68	0.119	0.45	930	18	0.981	0.58	343.7	1976	1990	MATERIAL BALANCE
4.60	0.250	0.85	960	17	0.980	0.57	274.2	1975	1988	
11.93	0.161	0.40	920	10	0.980	0.58	243.9	1981	1990	
13.40	0.120	0.25	2 000	17	0.959	0.57	260.1	1985	1990	
15.21	0.144	0.35	890	17	0.982	0.58	285.6	1980	1990	PRODUCTION DECLINE
								1959	1990	PARAMNT SIMPLOT SOQUIP A&S UNOCAL PCI OMV CANOXY KANNGAZ ESSO PANALTA PROGAS
16.59	0.079	0.90	23 780	62	0.875	0.66	2 732.6	1974	1987	TCPL PRODUCTION DECLINE TOP/BASE TVD
15.43	0.066	0.82	26 050	80	0.915	0.67	3 557.0	1975	1988	TCPL MATERIAL BALANCE
29.70	0.060	0.80	31 300	88	0.999	0.62	3 737.0	1977	1989	CNG HUSKY
27.70	0.055	0.90	25 990	100	0.948	0.65	3 378.9	1987	1989	TCPL TOP/BASE TVD
18.00	0.080	0.90	23 040	37	0.812	0.69	2 893.3	1989	1990	TOP/BASE TVD
19.10	0.080	0.90	24 270	35	0.819	0.69	3 079.3	1988	1990	TOP/BASE TVD
26.90	0.090	0.90	23 150	35	0.809	0.69	2 926.7	1988	1990	TOP/BASE TVD
45.00	0.050	0.90	25 310	82	0.905	0.69	3 483.2	1986	1989	TOP/BASE TVD
31.11	0.078	0.88	24 460	83	0.898	0.68	3 012.3	1975	1990	TOP/BASE TVD
7.51	0.069	0.80	24 460	83	0.890	0.70	3 149.2	1975	1989	TOP/BASE TVD
								1975	1989	TCPL
30.15	0.060	0.75	24 660	83	0.899	0.68	3 232.1	1976	1990	TOP/BASE TVD
5.49	0.060	0.70	24 660	83	0.899	0.68	3 395.3	1976	1984	TOP/BASE TVD
								1976	1986	TCPL
24.12	0.049	0.85	30 250	125	0.972	0.72	3 751.8	1975	1990	TCPL TOP/BASE TVD
20.20	0.054	0.80	31 160	116	0.904	0.81	3 911.3	1976	1984	TCPL
24.30	0.060	0.85	30 440	93	0.939	0.72	3 528.7	1986	1989	TCPL TOP/BASE TVD
8.64	0.060	0.80	28 980	96	0.902	0.78	3 492.0	1976	1978	TOP/BASE TVD
55.69	0.050	0.80	31 890	91	0.903	0.80	3 611.9	1976	1977	TOP/BASE TVD
								1976	1978	TCPL
20.15	0.075	0.80	31 710	88	0.895	0.81	3 842.8	1976	1988	TOP/BASE TVD
25.30	0.085	0.80	31 930	89	0.905	0.80	3 913.1	1976	1988	TOP/BASE TVD
								1976	1986	TCPL
0.97	0.247	0.50	3 070	17	0.947	0.57	375.2	1946	1990	ESSO DIRECT VECTOR CANOXY HUSKY NCO PANALTA
4.30	0.195	0.65	11 580	41	0.805	0.67	1 215.9	1965	1988	TCPL PRODUCTION DECLINE
5.93	0.231	0.70	12 000	38	0.813	0.66	1 189.8	1980	1989	CANST PANALTA PROGAS NONCOMMERCIAL OIL
4.30	0.300	0.60	3 050	19	0.943	0.58	538.0	1943	1985	CWNGNUL HUSKY MATERIAL BALANCE COMPOSITE COLONY RESERVE, SLUSH OIL
2.01	0.285	0.75	4 110	21	0.928	0.58	611.5	1966	1984	HUSKY
						0.75		1961	1986	TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
LOCHEND 027-03W5 (CONTINUED)									
OTHER	78			44		44		1 840	
TOTAL-LOCHEND	1 310			685	173	512		20 981	
LOCHINVAR (SA) 041-26W4									
TOTAL-LOCHINVAR	149			97		97		3 604	
LOGAN 072-13W4									
TOTAL-LOGAN	32			20		20		739	
LOMOND 018-12W4									
TOTAL-LOMOND	107			61		61		2 331	
LONE 089-04W6									
TOTAL-LONE	96			64		64		2 399	
LONE PINE CREEK 030-28W4									
WABAMUN A	16 256	0.75	0.27	8 900	6 795	2 105	37	77 232	17 337
D-3 A SOLN	557	0.65	0.30	253[b]			35		
D-3 A ASSOC	3 074	0.50	0.33	1 030[b]	1 057[b]	226	35	7 960	1 835
OTHER	1 058			674	33	641		24 491	
TOTAL-LONE PINE CREEK	20 945			10 857	7 885	2 972		109 683	
LONG COULEE 016-21W4									
GLAUCONITIC F SOLN	82	0.65	0.25	40[b]			38		
GLAUCONITIC F ASSOC	1 985	0.80	0.20	1 270[b]	1 220[b]	90	38	3 455	1 543
GLAUCONITIC I	1 971	0.85	0.20	1 340	1 169	171	38	6 459	3 252
GLAUCONITIC Z	781	0.75	0.20	469	24	445	38	17 012	150
SUNBURST D	800	0.90	0.15	612	246	366	39	14 146	1 358
SUNBURST G	2 666	0.80	0.25	1 600	1 467	133	38	5 111	3 206
OTHER	4 864			2 841	508	2 333		88 430	
TOTAL-LONG COULEE	13 149			8 172	4 634	3 538		134 613	
LOOKOUT BUTTE 001-28W4									
RUNDLE A	13 818	0.55	0.25	5 700	5 530	170	40	6 871	2 858
TOTAL-LOOKOUT BUTTE	13 818			5 700	5 530	170		6 871	
LOON 085-09W5									
TOTAL-LOON	39			26		26		972	
LOSEMAN (SA) 067-02W4									
TOTAL-LOSEMAN	49			27		27		1 005	
LOST 084-01W6									
TOTAL-LOST	51			33		33		1 236	
LOUISE (SA) 064-15W5									
TOTAL-LOUISE	117			74		74		2 933	
LOUSANA 036-21W4									
TOTAL-LOUSANA	72			39		39		1 460	
LOVETT RIVER 047-19W5									
RUNDLE A	1 788	0.50	0.10	805		805	39	31 129	1 142
OTHER	794			518		518		19 764	
TOTAL-LOVETT RIVER	2 582			1 323		1 323		50 893	
LUCKY 061-18W4									
TOTAL-LUCKY	1 257			851	211	640		23 883	
LUNNFORD 059-03W5									
TOTAL-LUNNFORD	307			202	5	197		7 598	
LYLE 073-18W4									
TOTAL-LYLE	114			65		65		2 403	
LYNDON (SA) 013-30W4									
TOTAL-LYNDON	106			72		72		2 772	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
10.62	0.086	0.80	24 410	83	0.878	0.76	2 427.4	1955	1989	POCO TCPL MOBIL PANALTA PROGAS MATERIAL BALANCE
						0.78		1963	1985	TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
17.43	0.070	0.85	22 480	83	0.862	0.78	2 427.1	1963	1985	TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
						0.77		1967	1990	NCO TCPL PRODUCTION DECLINE GPP
2.64	0.186	0.80	10 520	41	0.806	0.77	1 462.4	1967	1990	NCO TCPL PRODUCTION DECLINE GPP
2.61	0.191	0.85	12 570	43	0.791	0.77	1 411.9	1974	1990	TCPL PANALTA
17.50	0.220	0.90	13 600	49	0.799	0.79	1 339.8	1989	1989	SANGAS TCPL
3.79	0.186	0.65	13 140	43	0.773	0.75	1 427.2	1982	1989	A&S AMOCO TCPL NCO SANGAS MATERIAL BALANCE NONCOMMERCIAL OIL
4.22	0.142	0.60	13 270	44	0.758	0.84	1 446.0	1960	1989	TCPL PANALTA MATERIAL BALANCE
35.16	0.063	0.80	32 850	88	0.936	0.97	3 626.1	1959	1984	TCPL MATERIAL BALANCE PREVIOUS GAS CYCLING
13.72	0.052	0.85	33 770	95	1.011	0.59	3 587.6	1958	1984	PANALTA BER TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
LYNX 062-09W6									
TOTAL-LYNX	1 223			842	337	505		19 556	
MAJEAU 056-04W5									
TOTAL-MAJEAU	2 091			1 422	500	922		36 296	
MAJORVILLE 018-19W4									
UPPER MANNVILLE F	736	0.85	0.10	563	73	490	38	18 728	300
UPPER MANNVILLE K	561	0.75	0.05	400	55	345	38	13 100	150
OTHER	2 081			1 404	320	1 084		40 941	
TOTAL-MAJORVILLE	3 378			2 367	448	1 919		72 769	
MALMO 043-22W4									
ELLERSLIE C ASSOC	490	0.75	0.10	331	62	269	39	10 467	300
D-3 B	1 813	0.85	0.15	1 310	430	880	35	30 633	981
OTHER	1 803			852	302	550		20 909	
TOTAL-MALMO	4 106			2 493	794	1 699		62 009	
MANIR 072-04W6									
WAB 25-072 ASSOC	793	0.80	0.20	507		507	40	20 209	400
OTHER	788			575		575		22 319	
TOTAL-MANIR	1 581			1 082		1 082		42 528	
MANITO 042-20W4									
TOTAL-MANITO	347			234	13	221		7 917	
MANNING (SA) 090-25W5									
TOTAL-MANNING	60			40		40		1 498	
MANNVILLE 051-08W4									
UPPER&MIDDLE VIKING B	1 121	0.50	0.05	533	219	314	37	11 514	12 555
UPPER MANNVILLE C	796	0.70	0.05	529	481	48	37	1 791	2 523
UPPER MANNVILLE F	2 035	0.60	0.05	1 160	552	608	38	23 213	5 522
OTHER	6 443			4 269	1 807	2 462		91 433	
TOTAL-MANNVILLE	10 395			6 491	3 059	3 432		127 951	
MANNVILLE SOUTH (SA) 049-08W4									
TOTAL-MANNVILLE SOUTH	33			21		21		778	
MANNY 076-21W4									
TOTAL-MANNY	112			59		59		2 184	
MANOLA 058-02W5									
TOTAL-MANOLA	588			377	123	254		9 661	
MANYBERRIES 005-05W4									
BOW ISLAND A	789	0.90	0.05	675	557	118	35	4 147	2 970
OTHER	2 774			1 778	649	1 129		40 961	
TOTAL-MANYBERRIES	3 563			2 453	1 206	1 247		45 108	
MANYBERRIES SOUTH (SA) 003-06W4									
TOTAL-MANYBERRIES SOUTH	88			67		67		2 468	
MARGIE 074-09W4									
TOTAL-MARGIE	72			37		37		1 372	
MARIE 065-02W4									
TOTAL-MARIE	693			415	63	352		13 120	
MARION LAKE 037-18W4									
TOTAL-MARION LAKE	155			100		100		3 742	
MARKERVILLE 036-02W5									
PEKISKO A	2 555	0.80	0.10	1 840	270	1 570	40	62 690	2 978
OTHER	1 316			927	138	789		31 474	
TOTAL-MARKERVILLE	3 871			2 767	408	2 359		94 164	
MARLBORO 055-19W5									
LEDUC A	6 123	0.70	0.30	3 000	1 386	1 614	37	60 105	679
OTHER	68			49		49		1 902	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
10.25	0.223	0.75	12 740	41	0.806	0.64	1 390.6	1981	1987	METHON
14.00	0.243	0.85	11 930	44	0.828	0.63	1 357.8	1987	1989	NORCEN ICG PANALTA
2.90	0.220	0.55	10 210	67	0.851	0.71	1 398.7	1983	1988	ATCOR TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
15.24	0.093	0.85	15 080	61	0.837	0.74	1 620.1	1959	1987	A&S TCPL
23.10	0.044	0.75	29 380	80	0.910	0.75	2 736.8	1983	1988	HUSKY BER
1.94	0.197	0.50	4 470	24	0.916	0.59	522.8	1972	1989	CWNGNUL NCO PANALTA TCPL
2.28	0.250	0.65	4 600	28	0.918	0.57	580.5	1970	1984	TCPL MATERIAL BALANCE
3.72	0.286	0.75	4 340	21	0.909	0.58	588.2	1971	1989	TCPL NCO
2.86	0.233	0.55	5 930	27	0.902	0.59	793.4	1947	1990	CMG MATERIAL BALANCE
9.44	0.067	0.75	18 220	76	0.821	0.74	2 272.6	1976	1989	ESSO POCO A&S KANNGAZ PROGAS
59.46	0.060	0.90	34 520	130	0.987	0.73	3 686.5	1965	1987	A&S MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE $10^6 m^3$	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES $10^6 m^3$	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION $10^6 m^3$	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES $10^6 m^3$	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
MARLBORO 055-19W5 (CONTINUED)									
TOTAL-MARLBORO	6 191			3 049	1 386	1 663		62 007	
MARLOWE (SA) 122-22W5									
TOTAL-MARLOWE	15			10		10		354	
MARSH (SA) 054-25W5									
TOTAL-MARSH	251			192		192		7 423	
MARTEN 076-04W5									
TOTAL-MARTEN	245			161		161		6 005	
MARTEN HILLS 075-25W4									
WABISKAW C	622	0.80	0.05	473	99	374	37	13 857	3 089
WABISKAW A	23 553	0.80	0.05	17 900			37		89 432
WABAMUN A	9 069	0.65	0.05	5 600			37		32 374
WBSK A & WAB A TOTAL	32 622	0.75	0.05	23 500	17 036	6 464	37	239 944	
WABAMUN C	1 005	0.75	0.05	716		716	37	26 499	8 284
OTHER	2 803			1 659	152	1 507		55 932	
TOTAL-MARTEN HILLS	37 052			26 348	17 287	9 061		336 232	
MARWAYNE 053-03W4									
TOTAL-MARWAYNE	401			267		267		9 758	
MATZIWIN 024-14W4									
MILK RIVER A	2 827	0.70	0.05	1 880			36		18 414
MEDICINE HAT A	2 106	0.70	0.03	1 430			36		16 605
MEDICINE HAT C	68	0.50	0.03	33			36		2 328
MEDICINE HAT D	208	0.50	0.03	101			36		5 922
SECOND WHITE SPECKS A	84	0.75	0.05	60			36		1 278
SE ALTA GAS SYS(MU) TOTAL	5 293	0.70	0.05	3 504	1 201	2 303	36	83 990	
OTHER	1 137			746	298	448		17 094	
TOTAL-MATZIWIN	6 430			4 250	1 499	2 751		101 084	
MAY (SA) 075-11W4									
TOTAL-MAY	17			13		13		485	
MCADAM (SA) 082-14W4									
TOTAL-MCADAM	13			7		7		258	
MCGREGOR 017-20W4									
TOTAL-MCGREGOR	1 060			684	23	661		24 812	
MCGUFFIN (SA) 066-12W4									
TOTAL-MCGUFFIN	354			195		195		7 165	
MCKINLEY 065-22W5									
TOTAL-MCKINLEY	514			346	44	302		12 019	
MCLAUGHLIN 046-01W4									
TOTAL-MCLAUGHLIN	145			90	21	69		2 303	
MCLEANS CREEK 074-21W5									
TOTAL-MCLEANS CREEK	318			213		213		7 453	
MCLEOD 054-14W5									
CARDIUM A SOLN	13	0.60	0.10	7[b]			38		
CARDIUM A ASSOC	1 175	0.75	0.10	793[b]	663[b]	137	38	5 227	5 086
GETHING D	970	0.85	0.15	701	60	641	40	25 903	1 694
GETHING O	697	0.75	0.10	470		470	40	18 903	1 050
GETHING C	1 823	0.75	0.10	1 230			40		1 950
GETHING H	1 193	0.60	0.10	644			40		1 868
ROCK CREEK A	2 239	0.70	0.10	1 410			40		3 176
GETH C,H & ROCK CK A TOTAL	5 255	0.70	0.10	3 284	269	3 015	40	120 932	
WINT 31-054-14	988	0.90	0.40	533		533	42	22 530	200
OTHER	2 720			1 874	97	1 777		70 080	
TOTAL-MCLEOD	11 818			7 662	1 089	6 573		263 575	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.07	0.287	0.60	2 960	35	0.952	0.56	803.4	1971	1975	DIRECT TCPL
4.46	0.275	0.65	2 700	27	0.951	0.56	656.8	1961	1985	MATERIAL BALANCE
11.39	0.155	0.55	2 710	28	0.952	0.57	716.5	1961	1982	
								1961	1982	VECTOR TCPL ATCOR HUSKY PANALTA
4.66	0.151	0.65	2 740	35	0.954	0.57	777.8	1966	1987	TCPL DIRECT
6.05	0.154	0.55	3 140	16	0.937	0.56	411.4	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.94	0.170	0.55	4 310	17	0.916	0.56	497.1	1904	1987	PART OF MED HAT POOL NO.1
0.74	0.139	0.60	4 450	19	0.916	0.56	497.9	1973	1987	PART OF MED HAT POOL NO.3
0.89	0.139	0.60	4 450	19	0.916	0.56	524.8	1973	1987	PART OF MED HAT POOL NO.4
0.85	0.216	0.60	5 690	27	0.904	0.56	694.1	1944	1987	PART OF 2WS POOL NO.1
								1904	1986	CNG TCPL PANALTA PROGAS
						0.68		1972	1988	METHON CHEL A&S TCPL NRTHRGE CONCURRENT PRODUCTION
4.81	0.093	0.55	9 260	56	0.852	0.68	1 516.6	1972	1988	METHON CHEL A&S TCPL NRTHRGE CONCURRENT PRODUCTION
3.92	0.134	0.65	16 450	73	0.806	0.75	2 125.0	1982	1989	A&S CANOXY CHEL NRTHRGE
2.99	0.153	0.70	15 650	76	0.834	0.69	2 121.7	1984	1989	POCO NRTHRGE
5.79	0.146	0.65	16 710	71	0.812	0.72	2 055.3	1980	1990	
3.50	0.163	0.70	15 950	70	0.827	0.68	1 960.3	1987	1990	
4.67	0.150	0.60	16 910	70	0.836	0.68	1 985.5	1983	1990	NONCOMMERCIAL OIL
								1963	1990	A&S DEVNIC CANOXY MOBIL NRTHRGE POCO
27.76	0.080	0.80	26 480	80	0.767	0.90	2 652.7	1976	1977	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
MCMILLAN 074-17W4									
GROSMONT A	460	0.70	0.05	306	287	19	37	701	4 702
OTHER	306			176	111	65		2 420	
TOTAL-MCMILLAN	766			482	398	84		3 121	
MCMULLEN 077-26W4									
WABISKAW A		0.65	0.05				37		1 239
WABAMUN A		0.65	0.05				37		200
WBSK A & WAB A TOTAL	514	0.65	0.05	317	305	12	37	446	
OTHER	276			152		152		5 657	
TOTAL-MCMULLEN	790			469	305	164		6 103	
MEADOW 062-25W4									
TOTAL-MEADOW	163			116	5	111		4 175	
MEANDER (SA) 115-21W5									
TOTAL-MEANDER	11			7		7		267	
MEANOOK 063-22W4									
TOTAL-MEANOOK	1 322			909	618	291		10 980	
MEDALLION 019-27W4									
RUNDLE A	591	0.75	0.15	377	4	373	39	14 689	400
OTHER	282			194		194		7 567	
TOTAL-MEDALLION	873			571	4	567		22 256	
MEDICINE HAT 013-03W4									
MILK RIVER A	46 016	0.70	0.05	30 600			36		369 798
MEDICINE HAT A	79 302	0.65	0.03	50 000			36		473 775
SECOND WHITE SPECKS P	6	0.80	0.05	5			36		128
SECOND WHITE SPECKS J	413	0.80	0.05	314			36		5 180
LOWER COLORADO SAND A	351	0.75	0.05	250			36		5 560
MEDICINE HAT C	5 360	0.50	0.03	2 600			36		150 927
MEDICINE HAT D	4 948	0.50	0.03	2 400			36		130 618
SECOND WHITE SPECKS A	7 299	0.75	0.05	5 200			36		65 547
SECOND WHITE SPECKS M	11	0.80	0.05	9			36		200
SECOND WHITE SPECKS D	2 106	0.70	0.05	1 400			36		25 157
SECOND WHITE SPECKS K	5	0.75	0.05	4			36		200
SECOND WHITE SPECKS L	13	0.80	0.05	10			37		200
SE ALTA GAS SYS(MU) TOTAL	145 830	0.65	0.05	92 792	73 147	19 645	36	716 060	
SECOND WHITE SPECKS F	487	0.75	0.05	347		347	37	12 666	1 600
BOW ISLAND B	1 267	0.40	0.05	482	436	46	36	1 666	3 540
BOW ISLAND L	510	0.80	0.05	388	385	3	37	111	3 642
BOW ISLAND C	436	0.80	0.05	332	24	308	36	11 208	1 613
OTHER	5 746			4 028	1 375	2 653		95 362	
TOTAL-MEDICINE HAT	154 276			98 369	75 367	23 002		837 073	
MEDICINE LODGE 052-21W5									
CARD SD 20-052-21	498	0.75	0.10	337		337	39	13 231	128
VIKING A	924	0.90	0.10	749	162	587	40	23 280	1 856
WABAMUN A	484	0.80	0.20	310	131	179	38	6 789	200
WAB 16-052-21	517	0.70	0.05	344		344	38	13 038	400
WAB 33-051-21	675	0.85	0.20	459		459	38	17 410	200
OTHER	490			346		346		13 173	
TOTAL-MEDICINE LODGE	3 588			2 545	293	2 252		86 921	
MEDICINE RIVER 039-03W5									
GLAUCONITIC A ASSOC	1 592	0.85	0.15	1 150[b]			41		2 014
GLAUCONITIC A SOLN	3 794	0.39	0.20	1 184[b]			41		
GLAUCONITIC A ASSOC	56	0.85	0.15	41[b]			41		101
GLAUCONITIC A TOTAL	5 442	0.55	0.20	2 375[b]	755[b]	1 620	41	65 902	
GLAUCONITIC D		0.75	0.10				40		150
OSTRACOD A ASSOC		0.75	0.15				40		1 268
OSTRACOD A SOLN	220	0.43	0.35	62[b]			40		
GLAUC D & OSTRACOD A TOTAL	797	0.65	0.20	434[b]	429[b]	5	40	198	
OSTRACOD C SOLN	90	0.60	0.45	30[b]			42		
OSTRACOD C ASSOC	2 533	0.85	0.15	1 830[b]	1 548[b]	312	42	12 951	2 733
BASAL QUARTZ D SOLN	29	0.65	0.40	11[b]			39		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
9.77	0.120	0.40	2 050	19	0.959	0.57	464.4	1971	1990	PRODUCTION DECLINE
3.61	0.274	0.80	2 830	19	0.944	0.56	543.1	1968	1986	PRODUCTION DECLINE
5.80	0.160	0.60	2 630	19	0.948	0.56	547.9	1968	1986	PRODUCTION DECLINE
								1968	1986	TCPL
7.45	0.124	0.75	19 280	54	0.786	0.73	2 072.2	1988	1990	NORCEN PANALTA VECTOR
4.92	0.154	0.55	3 140	16	0.937	0.56	373.2	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
3.88	0.170	0.55	4 310	17	0.916	0.56	436.2	1904	1987	PART OF MED HAT POOL NO.1
0.80	0.160	0.60	5 740	19	0.895	0.57	562.8	1978	1987	
1.42	0.150	0.60	5 790	21	0.898	0.57	591.1	1977	1985	
1.13	0.160	0.50	6 520	25	0.890	0.56	753.8	1977	1979	
0.90	0.139	0.60	4 450	19	0.916	0.56	417.2	1973	1989	PART OF MED HAT POOL NO.3
0.96	0.139	0.60	4 450	19	0.916	0.56	463.5	1973	1989	PART OF MED HAT POOL NO.4
1.44	0.216	0.60	5 690	27	0.904	0.56	569.8	1944	1987	PART OF 2WS POOL NO.1
1.10	0.150	0.60	5 330	19	0.902	0.57	562.4	1981	1983	
1.73	0.171	0.55	4 900	23	0.915	0.58	652.9	1975	1990	
0.90	0.150	0.60	5 790	19	0.894	0.57	550.2	1977	1987	PRODUCTION DECLINE
1.21	0.160	0.55	5 700	20	0.894	0.56	619.7	1977	1981	
								1904	1989	KANNGAZ ESSO DIRECT CTYMEDH TCPL A&S CWNGNUL ATCOR NCO PANALTA PROGAS RENENER
1.83	0.198	0.60	5 690	27	0.904	0.56	691.8	1976	1985	TCPL
1.75	0.282	0.60	6 520	24	0.887	0.57	796.1	1948	1983	TCPL MATERIAL BALANCE
1.49	0.214	0.70	5 840	23	0.895	0.56	657.7	1977	1990	DIRECT CWNGNUL
2.24	0.234	0.70	6 890	27	0.887	0.57	718.1	1955	1978	TCPL PART OF BOW ISL POOL NO.1
10.40	0.210	0.85	21 290	72	0.837	0.73	2 395.6	1988	1989	
1.55	0.141	0.80	35 920	85	1.002	0.74	2 862.6	1975	1978	PANALTA PROGAS
12.95	0.100	0.75	36 300	127	1.035	0.66	3 771.3	1977	1982	PROGAS TOP/BASE TVD
7.32	0.090	0.75	36 900	107	1.055	0.57	3 718.6	1977	1982	PROGAS TOP/BASE TVD
19.83	0.090	0.75	36 900	127	1.040	0.66	3 920.9	1979	1982	PROGAS
3.59	0.122	0.70	26 150	66	0.851	0.77	2 203.0	1964	1990	CONCURRENT PRODUCTION
						0.77		1964	1990	CONCURRENT PRODUCTION
2.52	0.122	0.70	26 150	66	0.852	0.77	2 189.1	1964	1990	
								1964	1990	A&S DIRECT ESSO PROGAS TCPL UNIGAS CONCURRENT PRODUCTION
4.27	0.110	0.80	18 460	69	0.812	0.73	2 073.6	1961	1990	PRODUCTION DECLINE
1.74	0.139	0.85	18 510	63	0.835	0.68	2 079.7	1961	1990	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.68		1961	1990	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1961	1990	KANNGAZ TCPL CONCURRENT PRODUCTION
						0.72		1963	1989	ESSO DIRECT TCPL PROGAS PRODUCTION DECLINE CONCURRENT PRODUCTION
3.18	0.130	0.75	22 130	68	0.816	0.72	2 283.9	1963	1989	ESSO DIRECT TCPL PROGAS PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.71		1962	1990	TCPL KANNGAZ OIL POOL DEPLETED

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE (10^6m^3)	2 RAW GAS: POOL RECOVERY (frac)	3 RAW GAS: SURFACE LOSS (frac)	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES (10^6m^3)	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION (10^6m^3)	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES (10^6m^3)	7 MARKETABLE GAS: GROSS HEAT VALUE (MJ/m^3)	8 MARKETABLE GAS: REMAINING ENERGY CONTENT (TJ)	9 AREA (ha)
MEDICINE RIVER 039-03W5 (CONTINUED)									
BASAL QUARTZ D ASSOC	385	0.85	0.10	294[b]	46[b]	259	39	9 979	829
BASAL QUARTZ B ASSOC	61	0.70	0.10	39			38		175
BASAL QUARTZ B SOLN	1 846	0.39	0.45	396			38		
BASAL QUARTZ B ASSOC	786	0.80	0.10	566			38		711
BASAL QUARTZ B ASSOC	13	0.70	0.10	8			38		32
BASAL QUARTZ B TOTAL	2 706	0.50	0.30	1 009	217	792	38	30 437	
JURASSIC D SOLN	1 171	0.41	0.30	336	178	158	41	6 407	
JURASSIC M	595	0.75	0.10	401	213	188	38	7 199	200
PEKISKO I SOLN	560	0.60	0.20	269[b]			42		
PEKISKO I ASSOC	107	0.75	0.20	64[b]	220[b]	113	42	4 730	244
PEKISKO N ASSOC	1 666	0.80	0.10	1 200		1 200	39	47 136	1 522
PEKISKO P	635	0.85	0.11	481	432	49	38	1 856	1 301
PEKISKO T	914	0.85	0.15	660	114	546	42	23 107	395
OTHER	13 285			7 042	1 713	5 329		211 937	
TOTAL-MEDICINE RIVER	30 915			16 436	5 865	10 571		421 839	
MEDLEY (SA) 070-02W4									
TOTAL-MEDLEY	367			218		218		8 038	
MEEKWAP 066-15W5									
D-2 A SOLN	1 446	0.45	0.45	358	199	159	41	6 492	
TOTAL-MEEKWAP	1 446			358	199	159		6 492	
MEGA 101-07W6									
TOTAL-MEGA	122			73		73		2 743	
MEIKLE (SA) 099-17W5									
TOTAL-MEIKLE	44			25		25		928	
MELLOWDALE 060-03W5									
TOTAL-MELLOWDALE	207			139	34	105		4 065	
MEYER 070-25W4									
TOTAL-MEYER	996			620	212	408		15 349	
MICHICHI 030-18W4									
BELLY RIVER F	603	0.70	0.05	401	333	68	37	2 511	2 005
UPPER MANNVILLE B	135	0.75	0.10	91			38		888
LOWER MANNVILLE E	378	0.85	0.10	289			38		911
U MANN B & L MANN E TOTAL	513	0.80	0.10	380	106	274	38	10 445	
LOWER MANNVILLE B SOLN	17	0.65	0.10	10[b]			40		
LOWER MANNVILLE B ASSOC	742	0.80	0.10	535[b]	95[b]	450	40	17 775	1 796
OTHER	2 473			1 551	391	1 160		44 737	
TOTAL-MICHICHI	4 348			2 877	925	1 952		75 468	
MIKWAN 036-23W4									
VIKING B	1 510	0.65	0.10	884	660	224	39	8 644	8 163
OTHER	6 178			3 989	1 156	2 833		108 025	
TOTAL-MIKWAN	7 688			4 873	1 816	3 057		116 669	
MILLIGAN (SA) 097-13W6									
TOTAL-MILLIGAN	173			112		112		4 122	
MILLS 069-11W4									
TOTAL-MILLS	350			175	137	38		1 405	
MILO 019-23W4									
TOTAL-MILO	346			234	86	148		5 281	
MINEHEAD 049-19W5									
CARDIUM D	449	0.90	0.10	364			40		400
CARDIUM E	371	0.90	0.20	267			41		300
CARDIUM D&E TOTAL	820	0.90	0.15	631	21	610	40	24 675	
CARDIUM C	4 250	0.70	0.20	2 380			40		3 147
CARDIUM F	109	0.80	0.15	74			41		150
CARDIUM C & F TOTAL	4 359	0.70	0.20	2 454	252	2 202	40	88 983	
SW HL 049-19	7 258	0.50	0.30	2 540		2 540	37	93 269	3 951
OTHER	754			495	4	491		19 655	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.02	0.133	0.70	15 620	60	0.807	0.71	2 094.9	1962	1990	TCPL KANNGAZ OIL POOL DEPLETED
2.18	0.139	0.70	16 130	65	0.821	0.70	2 159.7	1959	1990	
						0.70		1959	1990	
6.79	0.140	0.70	16 130	64	0.819	0.70	2 107.6	1959	1989	
2.44	0.146	0.70	16 130	65	0.821	0.71	2 142.6	1959	1986	ASSIGNED WELL 16-20-039-03W5M
								1959	1990	TCPL
						0.69		1959	1990	KANNGAZ TCPL
13.60	0.170	0.80	15 630	63	0.824	0.69	2 161.0	1981	1989	TCPL
						0.85		1954	1990	A&S TCPL GPP
4.03	0.074	0.80	16 690	69	0.757	0.85	2 178.0	1954	1990	A&S TCPL GPP
9.41	0.097	0.75	15 980	71	0.826	0.71	2 131.8	1963	1982	TCPL KANNGAZ PROGAS
10.85	0.100	0.75	16 380	59	0.816	0.70	2 118.9	1963	1990	TCPL PRODUCTION DECLINE
17.07	0.100	0.80	15 030	59	0.760	0.73	2 156.4	1982	1988	
						0.75		1966	1988	A&S
4.17	0.287	0.55	3 060	24	0.944	0.56	627.5	1980	1989	A&S KANNGAZ PANALTA OPINAC RENENER PRODUCTION DECLINE
1.62	0.171	0.50	9 710	38	0.810	0.68	1 311.7	1968	1985	
4.63	0.137	0.60	9 810	41	0.816	0.68	1 322.7	1975	1985	
								1968	1986	A&S TCPL
						0.67		1980	1989	POCO KANNGAZ NCO RENENER CONCURRENT PRODUCTION
4.68	0.159	0.55	9 490	48	0.833	0.67	1 313.0	1980	1989	POCO KANNGAZ NCO RENENER CONCURRENT PRODUCTION
2.18	0.131	0.55	7 110	49	0.875	0.66	1 387.1	1968	1987	CNG TCPL MATERIAL BALANCE
4.25	0.138	0.85	23 270	72	0.851	0.70	2 367.8	1968	1989	DEEP CUT SL
5.55	0.118	0.85	22 500	71	0.838	0.71	2 334.4	1987	1989	DEEP CUT SL
								1968	1990	ESSO TCPL DEEP CUT SL
5.28	0.141	0.80	23 670	73	0.858	0.69	2 409.6	1966	1990	DEEP CUT SL
4.79	0.087	0.80	22 750	81	0.839	0.77	2 354.6	1988	1990	
								1966	1990	CHEL ESSO NRTHRGE TCPL
12.00	0.063	0.90	42 920	146	1.079	0.73	4 397.2	1973	1982	TCPL PANALTA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE $10^6 m^3$	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES $10^6 m^3$	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION $10^6 m^3$	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES $10^6 m^3$	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
MINEHEAD 049-19W5 (CONTINUED)									
TOTAL-MINEHEAD	13 191			6 120	277	5 843		226 582	
MINNEHIK-BUCK LAKE 045-05W5									
ELLERSLIE A	21	0.80	0.10	15			40		150
JURASSIC A	670	0.90	0.15	513			40		1 815
ELRSL A & JUR A TOTAL	691	0.90	0.15	528	155	373	40	14 972	
PEKISKO A	28 105	0.85	0.10	21 500	17 128	4 372	40	176 192	27 878
BNFF 27-045-04	397	0.90	0.10	321		321	39	12 606	200
OTHER	2 856			1 691	322	1 369		54 508	
TOTAL-MINNEHIK-BUCK LAKE	32 049			24 040	17 605	6 435		258 278	
MINNOW 057-05W6									
TOTAL-MINNOW	98			67		67		2 494	
MIRAGE 079-07W6									
TOTAL-MIRAGE	337			233	10	223		8 181	
MISTAHAE 079-01W5									
TOTAL-MISTAHAE	176			108		108		4 017	
MISTY 033-05W4									
TOTAL-MISTY	559			369	66	303		11 232	
MITSUE 071-04W5									
VIKING B	571	0.70	0.05	380	163	217	38	8 172	200
WABISKAW D	627	0.60	0.05	357	214	143	37	5 324	2 327
GILWOOD A ASSOC	61	0.75	0.10	41[b]			35		327
GILWOOD A SOLN	12 669	0.52	0.25	4 941[b]			35		
GILWOOD A ASSOC	117	0.75	0.10	79[b]			36		200
GILWOOD A ASSOC	66	0.80	0.25	40[b]			39		200
GILWOOD A ASSOC	59	0.80	0.20	38[b]			41		200
GILWOOD A ASSOC	172	0.80	0.20	110[b]			38		200
GILWOOD A ASSOC	47	0.75	0.10	32[b]			33		200
GILWOOD A	26	0.70	0.10	16[b]			35		200
GILWOOD A TOTAL	13 217	0.55	0.25	5 297[b]	4 219[b]	1 078	36	38 388	
OTHER	1 531			993	306	687		25 464	
TOTAL-MITSUE	15 946			7 027	4 902	2 125		77 348	
MOBERLY (SA) 058-04W6									
TOTAL-MOBERLY	478			347		347		13 383	
MONITOR 034-04W4									
UPPER MANNVILLE A	1 115	0.80	0.10	803			37		4 659
UPPER MANNVILLE C	29	0.75	0.10	20			36		150
UPPER MANNVILLE A & C TOTAL	1 144	0.80	0.10	823	158	665	37	24 392	
OTHER	594			401	76	325		11 758	
TOTAL-MONITOR	1 738			1 224	234	990		36 150	
MONTAG (SA) 085-06W6									
TOTAL-MONTAG	19			13		13		492	
MONTGOMERY 012-28W4									
TOTAL-MONTGOMERY	86			59		59		2 293	
MOON CREEK (SA) 059-05W6									
TOTAL-MOON CREEK	252			201		201		6 916	
MOONEY 072-07W5									
TOTAL-MOONEY	131			88		88		2 729	
MOONSHINE 058-01W4									
TOTAL-MOONSHINE	2 664			1 695	231	1 464		53 390	
MOORE 067-04W4									
TOTAL-MOORE	932			531	4	527		19 550	
MOOSE 023-06W5									
RUNDLE A	4 555	0.60	0.25	2 050	384	1 666	40	66 373	2 653
RUNDLE B	2 082	0.60	0.20	999	340	659	40	26 235	440
WAB 05-023-06	1 013	0.75	0.40	456		456	39	17 693	440
OTHER	1 091			109		109		3 534	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
0.80	0.100	0.85	19 463	58	0.803	0.70	2 081.4	1982	1988	
2.25	0.111	0.80	18 950	82	0.822	0.78	2 037.9	1980	1990	
								1980	1989	TRITON A&S PANALTA PROGAS
7.82	0.086	0.75	17 090	85	0.850	0.72	2 112.5	1952	1987	CANST A&S NCO PROGAS MATERIAL BALANCE
15.00	0.090	0.70	19 250	55	0.795	0.71	2 070.0	1981	1983	AEC
7.80	0.300	0.85	2 980	23	0.944	0.55	438.8	1986	1989	PRODUCTION DECLINE
1.82	0.248	0.70	3 590	29	0.937	0.56	630.4	1977	1988	ATCOR MATERIAL BALANCE
1.37	0.118	0.75	15 860	69	0.855	0.71	1 659.2	1964	1990	CONCURRENT PRODUCTION
						0.71		1964	1990	CONCURRENT PRODUCTION
4.10	0.170	0.55	14 180	51	0.817	0.72	1 663.0	1964	1983	ASSIGNED WELL 10-23-069-03W5M
1.85	0.130	0.65	17 370	60	0.702	0.92	1 665.1	1964	1983	ASSIGNED WELL 02-13-069-03W5M
2.30	0.080	0.75	17 390	52	0.707	0.84	1 676.3	1964	1983	ASSIGNED WELL 02-36-068-03W5M
4.20	0.150	0.65	17 930	60	0.730	0.89	1 677.7	1964	1983	ASSIGNED WELL 06-31-068-02W5M
1.20	0.170	0.65	17 310	51	0.856	0.70	1 680.8	1964	1984	
1.20	0.120	0.70	12 080	45	0.824	0.70	1 670.3	1964	1988	ASSIGNED WELL 10-27-069-03W5M
								1964	1990	TCPL NCO CONCURRENT PRODUCTION
1.53	0.299	0.70	6 830	27	0.866	0.63	798.8	1974	1985	
1.85	0.280	0.50	6 780	27	0.866	0.64	811.4	1977	1988	
								1974	1985	TCPL POCO
24.98	0.060	0.70	12 980	42	0.716	0.80	2 193.7	1960	1984	TCPL PROGAS
60.00	0.065	0.75	15 500	68	0.799	0.75	2 567.4	1978	1989	TCPL PROGAS TOP/BASE TVD
29.05	0.050	0.85	14 520	48	0.690	0.82	2 555.0	1977	1989	TCPL PROGAS TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
MOOSE 023-06W5 (CONTINUED)									
TOTAL-MOOSE	8 741			3 614	724	2 890		113 835	
MORGAN 051-04W4									
TOTAL-MORGAN	588			385	2	383		14 139	
MORINVILLE 055-25W4									
LOWER MANNVILLE A SOLN	8	0.60	0.05	5[b]			38		
LOWER MANNVILLE A ASSOC	855	0.80	0.10	616[b]	592[b]	29	38	1 099	2 462
LOWER MANNVILLE E	482	0.85	0.05	390	362	28	38	1 064	1 573
OTHER	3 531			2 292	1 010	1 282		48 847	
TOTAL-MORINVILLE	4 876			3 303	1 964	1 339		51 010	
MORKILL (SA) 054-10W5									
TOTAL-MORKILL	19			10		10		377	
MORLEY 026-07W5									
TOTAL-MORLEY	257			174	174				
MORNINGSIDE 042-28W4									
TOTAL-MORNINGSIDE	1 285			853	166	687		26 757	
MORSE (SA) 064-10W5									
TOTAL-MORSE	285			192		192		7 254	
MOSES (SA) 097-12W5									
TOTAL-MOSES	4			2		2		75	
MOSSLEIGH 021-24W4									
TOTAL-MOSSLEIGH	153			105	34	71		2 708	
MOUNTAIN 047-22W5									
TRIASSIC A	573	0.75	0.10	387	257	130	39	5 062	200
TRIASSIC C	1 027	0.75	0.10	693	522	171	39	6 659	440
TURNER VALLEY A	480	0.75	0.10	324	68	256	38	9 828	440
OTHER	1 345			944	264	680		26 483	
TOTAL-MOUNTAIN	3 425			2 348	1 111	1 237		48 032	
MULLIGAN 081-08W6									
TOTAL-MULLIGAN	1 137			739	83	656		24 654	
MURIEL LAKE 059-04W4									
MANNVILLE A	396	0.65	0.05	244			37		2 126
MANNVILLE A	190	0.70	0.05	126			37		1 794
MANNVILLE A TOTAL	586	0.65	0.05	370	274	96	37	3 549	
OTHER	160			94	2	92		3 428	
TOTAL-MURIEL LAKE	746			464	276	188		6 977	
MUSIDORA 052-10W4									
TOTAL-MUSIDORA	778			558	192	366		13 545	
MUSKIKI (SA) 044-19W5									
TOTAL-MUSKIKI	148			63		63		2 386	
MUSKWA (SA) 085-25W4									
TOTAL-MUSKWA	16			10		10		369	
MUSREAU 062-06W6									
TOTAL-MUSREAU	646			455	137	318		12 596	
MYSTERY 060-07W5									
TOTAL-MYSTERY	53			35		35		1 323	
NAMAKA 022-24W4									
TOTAL-NAMAKA	427			264		264		9 970	
NAMEPI CREEK (SA) 058-21W4									
TOTAL-NAMEPI CREEK	167			110		110		4 099	
NARRAWAY 064-12W6									
BELL 03-063-11	462	0.80	0.05	352		352	37	13 108	440

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.67		1952	1990	NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION
4.91	0.209	0.70	7 940	46	0.865	0.67	1 102.7	1952	1990	NORCEN PRODUCTION DECLINE CONCURRENT PRODUCTION
4.27	0.230	0.55	8 000	46	0.874	0.64	1 081.2	1951	1982	PRODUCTION DECLINE
6.30	0.080	0.80	28 270	96	0.954	0.65	3 202.8	1977	1990	PANALTA PRODUCTION DECLINE
8.40	0.080	0.75	29 220	96	0.961	0.65	3 231.2	1980	1990	PANALTA PRODUCTION DECLINE TOP/BASE TVD
17.50	0.030	0.90	29 460	99	0.975	0.63	3 342.5	1980	1984	PANALTA
1.71	0.300	0.55	2 860	16	0.942	0.57	393.6	1952	1980	MATERIAL BALANCE
1.87	0.250	0.70	3 100	17	0.938	0.56	369.1	1952	1977	
								1952	1980	DIRECT TRITON
9.87	0.075	0.75	31 030	171	1.050	0.56	4 349.4	1977	1978	CANOXY PROGAS BER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
NARRAWAY 064-12W6 (CONTINUED)									
OTHER	73			55		55		2 097	
TOTAL-NARRAWAY	535			407		407		15 205	
NAYLOR (SA) 097-25W5									
TOTAL-NAYLOR	31			20		20		763	
NEERLANDIA 061-05W5									
ELLERSLIE D	494	0.75	0.05	352	49	303	37	11 356	1 179
OTHER	682			461	117	344		13 212	
TOTAL-NEERLANDIA	1 176			813	166	647		24 568	
NEGUS (SA) 060-26W5									
TOTAL-NEGUS	79			57		57		2 271	
NELSON 044-25W4									
TOTAL-NELSON	910			571	37	534		20 420	
NESTOW 060-24W4									
LOWER MANNVILLE H	471	0.70	0.05	314	195	119	37	4 377	1 277
OTHER	1 292			872	398	474		17 652	
TOTAL-NESTOW	1 763			1 186	593	593		22 029	
NETOOK 063-10W6									
TOTAL-NETOOK	822			571		571		21 713	
NEVIS 039-22W4									
EDMONTON D	744	0.50	0.05	353	190	163	37	5 994	13 471
BELLY RIVER C	1 846	0.65	0.05	1 140	416	724	37	26 781	13 832
BLAIRMORE A	1 603	0.70	0.10	1 010	34	976	39	37 840	4 913
LOWER MANNVILLE S	456	0.75	0.10	308		308	38	11 701	300
DEVONIAN ASSOC		0.55	0.15				37		6 364
DEVONIAN ASSOC		0.55	0.15				35		13 222
DEVONIAN TOTAL	36 749	0.55	0.15	17 180	17 170	10	36	361	
OTHER	4 209			2 662	401	2 261		86 087	
TOTAL-NEVIS	45 607			22 653	18 211	4 442		168 764	
NEW NORWAY 044-22W4									
TOTAL-NEW NORWAY	731			368	105	263		9 835	
NEWAND 065-04W6									
BLUESKY A	1 491	0.75	0.15	950	105	845	41	34 223	3 862
OTHER	400			273	91	182		7 027	
TOTAL-NEWAND	1 891			1 223	196	1 027		41 250	
NEWBROOK 062-20W4									
TOTAL-NEWBROOK	2 428			1 516	518	998		37 622	
NEWBY 081-05W4									
MCMURRAY A	1 098	0.50	0.05	522	149	373	37	13 898	4 446
OTHER	4 519			2 292	185	2 107		78 195	
TOTAL-NEWBY	5 617			2 814	334	2 480		92 093	
NEWELL 017-14W4									
MILK RIVER A	1 438	0.70	0.05	957			36		10 956
MEDICINE HAT A	116	0.70	0.03	79			36		3 783
MEDICINE HAT C	112	0.50	0.03	54			36		2 447
MEDICINE HAT D	38	0.50	0.03	18			36		1 377
SE ALTA GAS SYS (MU) TOTAL	1 704	0.70	0.05	1 108	426	682	36	24 873	
OTHER	161			109	30	79		2 910	
TOTAL-NEWELL	1 865			1 217	456	761		27 783	
NEWTON 058-03W5									
TOTAL-NEWTON	353			240		240		8 304	
NINA (SA) 091-19W5									
TOTAL-NINA	9			6		6		226	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.36	0.204	0.65	8 550	35	0.839	0.66	1 105.3	1982	1988	BVI NCO UNIGAS
3.76	0.236	0.70	5 910	40	0.905	0.61	882.6	1952	1987	TCPL RENENER
6.24	0.279	0.50	630	13	0.987	0.56	315.4	1979	1990	DEKALB TCPL PANALTA PART OF EDMONTON POOL NO.1
5.79	0.253	0.45	2 020	22	0.962	0.56	480.5	1977	1990	DEKALB TCPL HUSKY PANALTA PART OF BR POOL NO.1
2.43	0.192	0.65	10 360	53	0.840	0.66	1 377.1	1952	1990	A&S TCPL DEVNIC HUSKY GULF PROGAS UNIGAS NONCOMMERCIAL OIL
8.40	0.202	0.80	10 330	43	0.831	0.65	1 403.5	1989	1990	TCPL UNIGAS
18.40	0.067	0.85	16 150	56	0.799	0.76	1 682.2	1952	1987	PRODUCTION DECLINE OIL POOL DEPLETED
15.01	0.069	0.85	16 170	61	0.834	0.74	1 686.2	1952	1987	PRODUCTION DECLINE OIL POOL DEPLETED
								1952	1989	DEKALB TCPL HUSKY UNIGAS OIL POOL DEPLETED
3.09	0.095	0.70	20 490	94	0.845	0.77	2 339.1	1978	1989	GULF PANALTA
7.33	0.284	0.70	1 650	14	0.965	0.56	207.5	1975	1987	TCPL CANOXY
5.19	0.154	0.55	3 140	16	0.937	0.56	354.3	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.71	0.170	0.55	4 310	17	0.916	0.56	445.2	1904	1989	PART OF MED HAT POOL NO.1
1.16	0.139	0.60	4 450	19	0.916	0.56	466.3	1973	1988	PART OF MED HAT POOL NO.3
0.70	0.139	0.60	4 450	19	0.916	0.56	487.9	1973	1987	PART OF MED HAT POOL NO.4
								1904	1988	TCPL PANALTA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE (10^6m^3)	2 RAW GAS: POOL RECOVERY (frac)	3 RAW GAS: SURFACE LOSS (frac)	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES (10^6m^3)	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION (10^6m^3)	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES (10^6m^3)	7 MARKETABLE GAS: GROSS HEAT VALUE (MJ/m³)	8 MARKETABLE GAS: REMAINING ENERGY CONTENT (TJ)	9 AREA (ha)
NIOBE 035-27W4									
TOTAL-NIOBE	57			27		27		916	
NIPIN 074-21W4									
TOTAL-NIPIN	2			1		1		37	
NIPISI 079-08W5									
GILWOOD A SOLN	7 644	0.54	0.35	2 683[b]			39		
GILWOOD A ASSOC		0.60	0.40		1 854[b]	829	39	32 240	
OTHER	382			177	38	139		4 821	
TOTAL-NIPISI	8 026			2 860	1 892	968		37 061	
NISKU (SA) 050-25W4									
TOTAL-NISKU	171			112		112		4 345	
NITON 054-13W5									
BASAL QUARTZ A SOLN	30	0.65	0.10	18[b]			41		
BASAL QUARTZ A ASSOC	1 308	0.75	0.10	883[b]	417[b]	484	41	19 602	3 284
ROCK CREEK A ASSOC		0.80	0.10				40		2 780
BSL QTZ I & ROCK CK A TOTAL	1 218	0.80	0.10	877	440	437	40	17 463	
ROCK CREEK F SOLN	791	0.39	0.30	216[b]			40		
ROCK CREEK F ASSOC	10 075	0.75	0.10	6 800[b]	3 014[b]	4 002	40	161 040	15 838
ROCK CREEK N SOLN	9	0.65	0.10	5[b]			40		
ROCK CREEK N ASSOC	472	0.80	0.10	340[b]	64[b]	281	40	11 313	552
OTHER	1 815			1 210	215	995		39 318	
TOTAL-NITON	15 718			10 349	4 150	6 199		248 736	
NIXON 072-16W4									
LOWER MANNVILLE E	1 087	0.70	0.05	723	239	484	37	17 981	19 510
GROSMONT A	3 200	0.50	0.05	1 520	1 490	30	37	1 107	33 856
OTHER	434			239	77	162		6 015	
TOTAL-NIXON	4 721			2 482	1 806	676		25 103	
NORDEGG 041-17W5									
TRIASSIC A	433	0.85	0.05	350			37		1 192
RUNDLE A	397	0.55	0.05	207			38		746
TRIASSIC A & RUNDLE A TOTAL	830	0.70	0.05	557	411	146	38	5 481	
TOTAL-NORDEGG	830			557	411	146		5 481	
NORMANDVILLE 080-22W5									
MISSISSIPPIAN A	605	0.90	0.10	491	392	99	38	3 748	743
OTHER	1 800			1 248	151	1 097		41 404	
TOTAL-NORMANDVILLE	2 405			1 739	543	1 196		45 152	
NORRIS 053-18W4									
MIDDLE VIKING A	535	0.80	0.05	407	49	358	37	13 235	8 800
LOWER VIKING A	636	0.80	0.10	458		458	38	17 390	7 037
OTHER	3 326			2 093	712	1 381		51 574	
TOTAL-NORRIS	4 497			2 958	761	2 197		82 199	
NORTH VALLEY 022-04W5									
RUNDLE B	540	0.80	0.20	346	28	318	39	12 551	200
OTHER	1 103			669		669		26 136	
TOTAL-NORTH VALLEY	1 643			1 015	28	987		38 687	
NORTHVILLE 052-10W5									
JURASSIC D	984	0.85	0.15	711	81	630	40	25 156	2 302
OTHER	364			238	50	188		7 532	
TOTAL-NORTHVILLE	1 348			949	131	818		32 688	
NOSEHILL 055-20W5									
WINTERBURN A	454	0.75	0.05	324		324	37	12 085	256
OTHER	100			67	45	22		834	
TOTAL-NOSEHILL	554			391	45	346		12 919	
O'CHIESE (SA) 045-10W5									
TOTAL-O'CHIESE	155			99		99		4 051	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.85		1965	1988	TCPL DRY GAS BREAKTHROUGH
						0.85		1965	1988	TCPL DRY GAS BREAKTHROUGH
						0.72		1965	1990	KANNGAZ TCPL VECTOR CNWE CONCURRENT PRODUCTION
2.53	0.137	0.70	16 060	71	0.809	0.72	1 937.1	1965	1990	KANNGAZ TCPL VECTOR CNWE CONCURRENT PRODUCTION
5.43	0.128	0.75	16 140	76	0.842	0.69	1 843.4	1980	1990	MATERIAL BALANCE CONCURRENT PRODUCTION
								1980	1990	UNIGAS DIRECT CANOXY HUSKY MOBIL TCPL CONCURRENT PRODUCTION
						0.74		1965	1989	VECTOR DIRECT TCPL KANNGAZ CNWE UNIGAS CONCURRENT PRODUCTION
4.64	0.142	0.60	16 200	77	0.818	0.74	1 925.7	1965	1989	VECTOR DIRECT TCPL KANNGAZ CNWE UNIGAS CONCURRENT PRODUCTION
						0.71		1987	1990	POCO UNIGAS CONCURRENT PRODUCTION
4.53	0.147	0.75	15 380	54	0.781	0.71	1 799.2	1987	1990	POCO UNIGAS CONCURRENT PRODUCTION
2.27	0.269	0.40	2 280	24	0.957	0.56	448.2	1969	1990	CWNGNUL
9.76	0.112	0.45	2 340	27	0.958	0.57	461.5	1969	1986	CWNGNUL PRODUCTION DECLINE
5.84	0.056	0.85	12 620	46	0.861	0.57	1 489.5	1960	1982	
10.42	0.046	0.85	12 690	53	0.847	0.62	1 492.9	1960	1984	
								1960	1984	TCPL PROGAS
4.11	0.259	0.65	10 470	36	0.819	0.64	1 051.7	1956	1990	A&S AEC CWNGNUL
0.76	0.253	0.60	4 950	24	0.899	0.61	677.3	1977	1990	TCPL NCO
1.13	0.274	0.55	4 960	25	0.892	0.63	715.3	1972	1983	TCPL NCO
24.20	0.060	0.80	27 120	91	0.911	0.71	3 398.2	1982	1989	A&S TOP/BASE TVD
3.21	0.112	0.70	17 300	76	0.830	0.71	1 970.1	1981	1990	UNIGAS
13.11	0.050	0.85	54 030	121	1.226	0.58	3 788.7	1972	1990	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE (10^6m^3)	2 RAW GAS: POOL RECOVERY (frac)	3 RAW GAS: SURFACE LOSS (frac)	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES (10^6m^3)	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION (10^6m^3)	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES (10^6m^3)	7 MARKETABLE GAS: GROSS HEAT VALUE (MJ/m^3)	8 MARKETABLE GAS: REMAINING ENERGY CONTENT (TJ)	9 AREA (ha)
OAK 083-06W6									
TOTAL-OAK	179			121		121		4 032	
OBED 054-23W5									
CARD SD 23-054-23	646	0.80	0.15	439		439	40	17 485	200
D-2 A	4 780	0.75	0.35	2 330	88	2 242	37	83 985	1 537
D-3 A	5 758	0.60	0.45	1 900	43	1 857	37	69 340	835
OTHER	1 205			719		719		27 188	
TOTAL-OBED	12 389			5 388	131	5 257		197 998	
OBERLIN 038-21W4									
MANNVILLE	801	0.70	0.10	505	487	18	39	702	789
OTHER	249			159		159		6 267	
TOTAL-OBERLIN	1 050			664	487	177		6 969	
OCHRE (SA) 089-17W5									
TOTAL-OCHRE	138			98		98		3 677	
OGSTON 089-10W5									
TOTAL-OGSTON	151			108		108		4 064	
OKOTOKS 021-28W4									
RUNDLE A	422	0.85	0.15	305	88	217	40	8 632	614
WABAMUN B	18 262	0.55	0.55	4 520			37		13 473
WABAMUN B	7 250	0.40	0.50	1 450			37		7 605
WABAMUN B TOTAL	25 512	0.50	0.55	5 970	4 027	1 943	37	71 852	
OTHER	678			325		325		12 129	
TOTAL-OKOTOKS	26 612			6 600	4 115	2 485		92 613	
OLDMAN 055-21W5									
TRIA SYS 056-21	2 361	0.80	0.10	1 700		1 700	39	65 467	2 473
OTHER	897			591		591		24 341	
TOTAL-OLDMAN	3 258			2 291		2 291		89 808	
OLSON (SA) 056-01W6									
TOTAL-OLSON	69			49		49		1 789	
OMEGA 046-01W4									
TOTAL-OMEGA	342			241	43	198		6 646	
OPABIN 044-18W5									
TOTAL-OPABIN	122			88		88		3 399	
ORCHID 088-20W4									
TOTAL-ORCHID	17			9		9		331	
ORION 007-07W4									
TOTAL-ORION	432			310	73	237		8 570	
OSBORN 089-07W6									
TOTAL-OSBORN	271			173		173		6 611	
OWLSEYE 059-10W4									
TOTAL-OWLSEYE	1 032			639	76	563		21 211	
OXLEY (SA) 014-28W4									
TOTAL-OXLEY	296			204		204		8 298	
OYEN 029-05W4									
VIKING C	469	0.80	0.05	356	307	49	37	1 791	200
VIKING A	732	0.60	0.05	417			37		4 323
DETRITAL C	342	0.50	0.05	162			37		757
VIKING A & DETRITAL C TOTAL	1 074	0.55	0.05	579	508	71	37	2 621	
OTHER	1 312			820	423	397		14 646	
TOTAL-OYEN	2 855			1 755	1 238	517		19 058	
PADDLE RIVER 057-08W5									
JURASSIC-DETR-RUND	12 824	0.70	0.12	7 900	6 823	1 077	40	43 295	18 434
RUNDLE ASSOC	1 152	0.85	0.10	881	11	870	40	34 861	4 408
OTHER	1 280			834	16	818		32 848	
TOTAL-PADDLE RIVER	15 256			9 615	6 850	2 765		111 004	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
13.20	0.150	0.75	20 800	68	0.798	0.80	2 288.3	1988	1989	TCPL
22.19	0.065	0.80	38 470	135	0.995	0.77	4 008.3	1964	1989	TCPL AEC
39.21	0.070	0.90	38 760	136	0.966	0.83	4 080.3	1985	1990	
2.26	0.260	0.75	10 070	54	0.829	0.69	1 322.7	1949	1986	A&S PRODUCTION DECLINE
6.68	0.085	0.60	19 200	57	0.820	0.69	2 079.5	1968	1984	TCPL
11.89	0.051	0.80	24 800	80	0.727	0.91	2 630.7	1951	1988	PRODUCTION DECLINE
8.78	0.050	0.80	24 800	80	0.736	0.91	2 688.8	1951	1988	
								1951	1988	ESSO KANNGAZ TCPL CWNGNUL PANALTA
3.83	0.150	0.85	24 540	106	0.942	0.66	2 896.9	1977	1984	TCPL DIRECT PROGAS
5.20	0.292	0.50	6 690	32	0.893	0.58	784.9	1951	1989	TCPL RENENER PRODUCTION DECLINE
2.07	0.275	0.55	6 670	34	0.895	0.57	765.2	1963	1985	PRODUCTION DECLINE
2.77	0.285	0.65	8 200	34	0.870	0.58	873.0	1963	1985	PRODUCTION DECLINE
								1963	1985	ESSO TCPL
6.20	0.145	0.35	12 230	60	0.823	0.69	1 529.8	1957	1987	CWNGNUL PRODUCTION DECLINE
4.38	0.076	0.60	12 240	55	0.811	0.70	1 549.3	1956	1977	CWNGNUL CONCURRENT PRODUCTION, OIL DEPLETED

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
PAGEANT 018-21W4									
GLAUCONITIC A	1 158	0.85	0.10	886	1	885	37	32 825	300
OTHER	434			278		278		10 357	
TOTAL-PAGEANT	1 592			1 164	1	1 163		43 182	
PAKOWKI LAKE 004-07W4									
BOW ISLAND A	510	0.80	0.05	388	368	20	34	689	6 888
OTHER	1 239			883	346	537		19 532	
TOTAL-PAKOWKI LAKE	1 749			1 271	714	557		20 221	
PALLISER 062-10W6									
TOTAL-PALLISER	55			37		37		1 488	
PANTHER RIVER 030-10W5									
RUNDLE A	763	0.75	0.15	486	49	437	37	16 099	200
RUNDLE B	782	0.75	0.20	470	27	443	38	16 652	200
RUNDLE D	2 667	0.75	0.30	1 400	87	1 313	37	49 159	400
TV 08-030-10	1 834	0.80	0.25	1 100		1 100	38	41 283	200
OTHER	3 395			220		220		7 922	
TOTAL-PANTHER RIVER	9 441			3 676	163	3 513		131 115	
PARADISE 047-02W4									
TOTAL-PARADISE	213			139		139		4 823	
PARFLESH 025-22W4									
TOTAL-PARFLESH	1 113			645	101	544		21 396	
PARKER 070-05W5									
TOTAL-PARKER	158			91	87	4		151	
PARKLAND 015-28W4									
TOTAL-PARKLAND	342			230	38	192		7 369	
PARKLAND NORTHEAST 015-27W4									
LOWER MANNVILLE A	685	0.85	0.10	524	133	391	39	15 417	1 017
OTHER	1 400			1 011	321	690		27 079	
TOTAL-PARKLAND NORTHEAST	2 085			1 535	454	1 081		42 496	
PASTECHO (SA) 079-06W5									
TOTAL-PASTECHO	27			17		17		644	
PAXON 065-21W4									
TOTAL-PAXON	64			41		41		1 526	
PEACOCK 014-27W4									
TOTAL-PEACOCK	44			29	15	14		547	
PEAK 119-05W6									
TOTAL-PEAK	33			22		22		763	
PEARL 030-16W4									
TOTAL-PEARL	180			116	10	106		4 103	
PEAVEY 056-24W4									
TOTAL-PEAVEY	486			305	206	99		3 687	
PEAVINE (SA) 075-20W5									
TOTAL-PEAVINE	11			7		7		262	
PECO 047-15W5									
GETHING A	4 662	0.70	0.20	2 610	1 021	1 589	41	65 324	6 149
JURASSIC B	1 317	0.75	0.10	889		889	40	35 347	1 971
NISKU A	588	0.85	0.30	350	279	71	40	2 858	128
OTHER	2 584			1 678	155	1 523		61 847	
TOTAL-PECO	9 151			5 527	1 455	4 072		165 376	
PEDIGREE 100-12W6									
BLUESKY-MONTNEY A	3 851	0.75	0.10	2 600		2 600	42[a]	109 226	4 600
TOTAL-PEDIGREE	3 851			2 600		2 600		109 226	
PEDLEY (SA) 053-25W5									
TOTAL-PEDLEY	1 441			976		976		39 787	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
15.75	0.218	0.80	12 840	43	0.822	0.65	1 401.0	1987	1990	A&S NORCEN
1.27	0.252	0.70	5 540	27	0.911	0.59	667.8	1955	1987	CMG PRODUCTION DECLINE
35.00	0.060	0.85	24 130	78	0.915	0.66	3 457.1	1958	1989	SHELL
48.00	0.040	0.85	30 790	104	0.969	0.69	4 556.5	1973	1984	SHELL TOP/BASE TVD
53.72	0.050	0.85	39 280	102	1.020	0.74	4 587.4	1978	1990	SHELL TOP/BASE TVD
110.47	0.050	0.85	23 300	99	0.912	0.72	4 408.3	1960	1990	SHELL
6.12	0.128	0.55	15 560	65	0.837	0.65	2 272.8	1979	1989	PROGAS
2.55	0.124	0.85	38 500	102	1.035	0.77	3 033.1	1971	1990	ESSO TCPL DEEP CUT SL
3.77	0.112	0.75	20 700	93	0.885	0.67	3 115.6	1971	1987	TCPL
30.00	0.045	0.90	72 120	119	1.369	0.79	3 970.2	1981	1989	DIRECT PRODUCTION DECLINE
11.39	0.159	0.45	5 820	44	0.892	0.64	980.9	1981	1990	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
PEERLESS 079-22W4									
TOTAL-PEERLESS	131			82		82		3 063	
PEIGAN 008-08W4									
TOTAL-PEIGAN	151			111	17	94		3 412	
PELICAN 079-24W4									
WABISKAW A	450	0.75	0.05	321		321	37	11 954	3 507
OTHER	329			198		198		7 388	
TOTAL-PELICAN	779			519		519		19 342	
PEMBINA 048-07W5									
KEY BELLY RIVER B SOLN	1 225	0.49	0.45	330	188	142	39	5 511	
KEY BELLY RIVER A	879	0.80	0.05	668	645	23	38	881	2 022
BELLY RIVER SS	422	0.75	0.05	301	95	206	38	7 890	1 175
BELLY RIVER ZZ	528	0.75	0.10	356	316	40	38	1 504	1 846
KEY BELLY RIVER C SOLN	1 026	0.43	0.15	375			38		
BELLY RIVER C,O & H3H TOTAL	1 026	0.45	0.15	375	185	190	38	7 231	
BELLY RIVER A2A SOLN	57	0.65	0.35	24[b]			39		
BELLY RIVER A2A ASSOC	709	0.75	0.10	479[b]	324[b]	179	39	7 040	2 178
CARDIUM SOLN	113 568	0.34	0.47	20 465	13 210	7 255	40	293 102	
GLAUCONITIC FF ASSOC	413	0.85	0.10	316		316	40	12 526	600
LOB GLAUCONITIC A	4 692	0.78	0.06	3 440	2 693	747	40	29 507	11 195
LOB GLAUCONITIC E		0.80	0.05				40		3 354
LOBSTICK GLAUC G		0.80	0.05				40		1 994
LOB GLAUCONITIC E & G TOTAL	5 000	0.80	0.05	3 800	1 705	2 095	40	83 172	
GLAUCONITIC I	3 876	0.70	0.06	2 550			39		4 547
LOBSTICK GLAUC D	144	0.70	0.10	91			39		150
OSTRACOD C	226	0.75	0.10	153			40		700
GLC I,LOB GLC D&OST C TOTAL	4 246	0.70	0.05	2 794	1 557	1 237	39	48 552	
NISKU D SOLN	672	0.72	0.15	411	267	144	43	6 127	
NISKU L SOLN	620	0.82	0.20	406	302	104	43	4 425	
NISKU P SOLN	791	0.78	0.25	463	303	160	43	6 808	
NISKU Q SOLN	420	0.84	0.15	300	162	138	43	5 872	
OTHER	23 679			13 209	-1 770	14 979		599 860	
TOTAL-PEMBINA	158 947			48 137	20 182	27 955		1 120 008	
PENDANT D'OREILLE 004-09W4									
BOW ISLAND B	453	0.75	0.05	323	306	17	35	598	4 557
BOW ISLAND		0.85	0.05				35		17 914
BOW ISLAND F		0.85	0.05				35		8 845
BOW ISLAND G		0.85	0.05				35		970
BOW ISLAND H		0.85	0.05				35		1 926
BOW ISLAND J		0.85	0.05				35		200
BOW ISL & BI FGH&J TOTAL	5 201	0.85	0.05	4 200	3 559	641	35	22 397	
MANNVILLE A	1 217	0.90	0.05	1 040	876	164	37	6 058	2 108
MANNVILLE C	1 220	0.85	0.05	985	909	76	37	2 804	1 417
MANNVILLE H	454	0.75	0.05	324	193	131	37	4 839	751
OTHER	1 283			885	375	510		18 167	
TOTAL-PENDANT D'OREILLE	9 828			7 757	6 218	1 539		54 863	
PENHOLD 036-27W4									
LOWER MANNVILLE B	612	0.85	0.05	494	425	69	40	2 757	930
OTHER	2 180			1 364	130	1 234		48 706	
TOTAL-PENHOLD	2 792			1 858	555	1 303		51 463	
PEORIA 076-02W6									
WAB 16-076-01	413	0.85	0.10	316		316	35	11 092	200
OTHER	912			664		664		23 522	
TOTAL-PEORIA	1 325			980		980		34 614	
PEPPERS (SA) 052-24W5									
TOTAL-PEPPERS	613			431		431		16 876	
PERRYVALE 064-23W4									
TOTAL-PERRYVALE	291			192		192		7 241	
PERT (SA) 125-06W6									
TOTAL-PERT	4			3		3		112	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.42	0.273	0.70	2 750	24	0.948	0.56	439.7	1967	1987	ESSO TCPL ATCOR
						0.68		1956	1988	A&S CWNGNUL
5.90	0.192	0.55	7 030	38	0.884	0.58	975.5	1956	1988	CANOXY PRODUCTION DECLINE
3.30	0.184	0.60	6 580	27	0.868	0.60	926.0	1957	1987	A&S CANOXY
3.26	0.190	0.65	6 510	27	0.869	0.63	883.2	1965	1987	POCO KANNGAZ CWNGNUL
						0.61		1956	1990	
								1956	1990	CWNGNUL
						0.68		1978	1989	ESSO VECTOR CHEL A&S CONCURRENT PRODUCTION
3.92	0.134	0.60	9 350	42	0.817	0.68	1 305.1	1978	1989	ESSO VECTOR CHEL A&S CONCURRENT PRODUCTION
						0.70		1953	1988	ESSO POCO DEKALB A&S ATCOR KANNGAZ CWNGNUL PANALTA
3.28	0.130	0.80	19 070	56	0.816	0.66	1 816.4	1981	1990	OMV PROGAS
7.54	0.131	0.55	13 680	60	0.818	0.67	1 788.1	1957	1990	CHEL A&S HUSKY CWNGNUL PANALTA UNIGAS PRODUCTION DECLINE
7.91	0.147	0.65	13 640	56	0.806	0.67	1 709.7	1960	1989	MATERIAL BALANCE
4.62	0.138	0.65	13 640	56	0.806	0.67	1 692.9	1960	1989	MATERIAL BALANCE
								1960	1989	AMOCO CANST CWNGNUL
7.35	0.136	0.55	14 860	59	0.821	0.66	1 854.0	1958	1987	PART OF GLAUC POOL NO.5
8.07	0.140	0.60	13 720	60	0.826	0.66	1 846.4	1960	1988	PART OF GLAUC POOL NO.5
1.89	0.140	0.75	15 870	64	0.823	0.67	1 890.1	1970	1988	PART OF GLAUC POOL NO.5
								1958	1988	CANOXY A&S PART OF GLAUC POOL NO.5
						0.80		1978	1988	A&S
						0.80		1978	1986	
						0.80		1979	1987	
						0.80		1980	1986	
1.26	0.244	0.75	5 100	24	0.912	0.58	654.3	1954	1983	CMG MATERIAL BALANCE
2.60	0.250	0.70	4 670	24	0.920	0.58	621.1	1946	1983	MATERIAL BALANCE
1.51	0.212	0.55	4 950	24	0.916	0.58	678.9	1946	1989	MATERIAL BALANCE
1.34	0.200	0.65	4 850	20	0.913	0.58	635.7	1946	1983	MATERIAL BALANCE
1.37	0.240	0.55	4 850	20	0.913	0.58	653.4	1946	1983	MATERIAL BALANCE
2.10	0.209	0.70	5 030	24	0.914	0.58	669.5	1957	1983	MATERIAL BALANCE
								1946	1983	CMG
6.32	0.210	0.60	7 930	30	0.873	0.57	837.8	1961	1971	CMG MATERIAL BALANCE
7.53	0.221	0.75	8 230	30	0.869	0.57	817.9	1965	1984	CMG MATERIAL BALANCE
5.38	0.188	0.70	7 940	30	0.873	0.57	867.6	1971	1988	CMG
10.67	0.122	0.85	16 200	71	0.804	0.75	1 900.0	1971	1990	A&S KANNGAZ PRODUCTION DECLINE
24.00	0.050	0.80	24 040	78	0.905	0.73	2 277.4	1989	1990	PROGAS BER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
PETER 072-01W5									
TOTAL-PETER	155			96		96		3 603	
PETITOT (SA) 122-12W6									
TOTAL-PETITOT	16			9		9		337	
PHILOMENA 071-09W4									
TOTAL-PHILOMENA	758			376	151	225		8 253	
PHILP (SA) 002-12W4									
TOTAL-PHILP	250			161		161		5 909	
PHOENIX 039-10W5									
TOTAL-PHOENIX	494			324	67	257		10 370	
PICA (SA) 084-05W6									
TOTAL-PICA	19			13		13		487	
PINCHER CREEK 004-29W4									
RUNDLE A	44 927	0.30	0.31	9 300	9 273	27	39	1 048	5 666
RUND 03-005-30	544	0.80	0.25	326		326	39	12 685	200
TOTAL-PINCHER CREEK	45 471			9 626	9 273	353		13 733	
PINE CREEK 057-19W5									
CARDIUM H SOLN	1 019	0.62	0.20	506			37		
CARDIUM H & I TOTAL	1 019	0.60	0.20	506	389	117	37	4 364	
BLUESKY A	2 089	0.75	0.10	1 410	278	1 132	41	46 118	2 122
L MANN 11-057-20	494	0.80	0.10	356		356	39	13 738	300
NORDEGG A	4 984	0.70	0.10	3 140			39		8 338
TRIASSIC A	44	0.70	0.10	28			38		200
NORDEGG A & TRIASSIC TOTAL	5 028	0.70	0.10	3 168	662	2 506	39	97 634	
ELKTON A	697	0.85	0.15	503	369	134	38	5 126	400
WABAMUN	3 122	0.90	0.42	1 630	1 333	297	38	11 271	1 619
WABAMUN B	7 068	0.90	0.39	3 880	3 331	549	38	20 807	3 803
WABAMUN C	4 232	0.90	0.32	2 590	1 834	756	38	28 652	663
D-3	22 463	0.35	0.35	5 110	5 048	62	37	2 308	3 744
OTHER	3 565			2 112	74	2 038		79 106	
TOTAL-PINE CREEK	49 777			21 265	13 318	7 947		309 124	
PINE NORTHWEST 058-20W5									
D-3 A	8 991	0.35	0.25	2 360	1 978	382	37	14 054	1 305
OTHER	241			172	69	103		3 778	
TOTAL-PINE NORTHWEST	9 232			2 532	2 047	485		17 832	
PINEDALE 054-16W4									
TOTAL-PINEDALE	314			208	30	178		6 627	
PINEHURST 066-10W4									
TOTAL-PINEHURST	73			48		48		1 778	
PINGEL 081-07W6									
TOTAL-PINGEL	213			152		152		5 748	
PLACID 060-23W5									
TOTAL-PLACID	260			178		178		7 072	
PLAIN 053-12W4									
UPPER MANNVILLE F	960	0.75	0.05	684	565	119	37	4 407	2 140
UPPER MANNVILLE H	96	0.70	0.05	64			37		996
UPPER MANNVILLE K	193	0.70	0.05	128			37		794
UPPER MANNVILLE L	13	0.70	0.05	9			37		150
UPPER MANNVILLE M	9	0.70	0.05	6			37		128
SPARKY B	367	0.80	0.03	285			37		1 745
U MANN HKLM & SPKY B TOTAL	678	0.75	0.05	492	259	233	37	8 705	
UPPER MANNVILLE A	115	0.70	0.05	77			38		581
UPPER MANNVILLE B	64	0.70	0.05	43			38		128
COLONY A	194	0.65	0.05	120			38		1 424
SPARKY A	134	0.70	0.05	89			37		660
U MN AB,COL A&SPKY A TOTAL	507	0.70	0.05	329	112	217	38	8 161	
COLONY F	520	0.85	0.05	420	273	147	37	5 454	2 885
COLONY B	361	0.70	0.05	240			38		1 708
COLONY C	84	0.80	0.05	64			37		150
COLONY B & C TOTAL	445	0.70	0.05	304	72	232	38	8 744	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
107.59	0.040	0.80	34 080	89	0.951	0.77	3 674.9	1948	1983	TCPL PRODUCTION DECLINE GAS CYCLING SCHEME
24.14	0.050	0.85	36 400	116	1.003	0.76	4 282.5	1983	1990	TOP/BASE TVD
						0.71		1978	1982	SOLN MU-CARDIUM H&I
								1978	1982	AMOCO
6.54	0.099	0.80	21 460	94	0.875	0.70	2 533.7	1961	1990	ESSO VECTOR KANNGAZ PSR PANALTA PROGAS
7.30	0.142	0.75	23 750	84	0.894	0.68	2 808.1	1977	1987	PROGAS
4.45	0.097	0.75	21 920	96	0.915	0.65	2 695.1	1965	1985	
1.50	0.098	0.80	22 060	94	0.923	0.62	2 547.7	1976	1988	TOP/BASE TVD
								1965	1987	ESSO A&S PSR TCPL PANALTA PROGAS
12.50	0.084	0.80	23 230	80	0.902	0.66	2 600.3	1968	1982	PANALTA
3.52	0.069	0.85	29 790	99	0.831	0.84	3 070.1	1957	1989	ESSO A&S MATERIAL BALANCE
6.67	0.069	0.85	29 500	99	0.851	0.82	3 113.5	1956	1989	ESSO A&S MATERIAL BALANCE
5.05	0.083	0.85	31 220	115	0.918	0.77	3 459.2	1958	1989	A&S MATERIAL BALANCE
41.46	0.064	0.85	31 550	113	0.913	0.78	3 358.2	1957	1990	ESSO A&S PRODUCTION DECLINE
47.50	0.064	0.90	32 060	116	0.961	0.71	3 250.5	1963	1982	A&S PRODUCTION DECLINE
1.87	0.272	0.60	4 620	24	0.914	0.57	732.0	1968	1989	TCPL PRODUCTION DECLINE
1.26	0.251	0.55	5 170	24	0.895	0.60	647.2	1959	1978	
1.26	0.300	0.55	5 210	24	0.902	0.57	657.8	1959	1982	PRODUCTION DECLINE
1.20	0.210	0.60	5 200	23	0.901	0.57	656.6	1975	1988	
0.90	0.270	0.50	5 170	24	0.903	0.57	672.3	1975	1983	
2.53	0.268	0.60	4 900	24	0.908	0.57	674.9	1958	1974	
								1958	1983	TCPL
2.40	0.275	0.55	5 100	24	0.899	0.58	649.9	1952	1986	
5.55	0.275	0.60	5 140	24	0.901	0.57	639.3	1959	1986	
2.00	0.269	0.50	4 790	24	0.906	0.59	607.4	1952	1986	
2.60	0.275	0.55	4 900	24	0.908	0.59	665.9	1952	1976	
								1952	1982	TCPL CWNGNUL
1.83	0.294	0.65	4 830	21	0.907	0.57	604.3	1970	1978	TCPL
2.15	0.275	0.70	4 930	29	0.909	0.58	608.0	1958	1978	
5.55	0.275	0.70	4 960	24	0.906	0.57	603.4	1968	1988	
								1958	1978	TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
PLAIN 053-12W4 (CONTINUED)									
LOWER MANNVILLE D		0.65	0.05				37		256
NISKU C		0.70	0.05				36		344
L MANN D & NISKU C TOTAL	506	0.70	0.05	336	302	34	37	1 246	
CAMROSE A	1 011	0.75	0.05	720	467	253	37	9 404	4 411
OTHER	6 566			4 342	2 118	2 224		82 965	
TOTAL-PLAIN	11 193			7 627	4 168	3 459		129 086	
PLANTE 055-22W5									
LED 26-055-22	850	0.80	0.40	408		408	37	15 284	200
OTHER	649			465		465		17 643	
TOTAL-PLANTE	1 499			873		873		32 927	
PLEASANT 068-20W4									
TOTAL-PLEASANT	586			386	148	238		8 941	
PLUTO (SA) 044-15W5									
TOTAL-PLUTO	39			26		26		1 021	
POLLOCKVILLE 025-10W4									
TOTAL-POLLOCKVILLE	664			475	74	401		14 942	
PONOKA 043-26W4									
TOTAL-PONOKA	49			33		33		1 221	
PONY (SA) 080-08W4									
TOTAL-PONY	18			10		10		374	
PORTAGE 078-17W4									
MCMURRAY-GROSMONT A	1 477	0.60	0.05	842			37		17 399
MCMURRAY-GROSMONT A	1 642	0.50	0.05	780			37		17 420
MCMURRAY-GROSMONT A TOTAL	3 119	0.55	0.05	1 622	1 563	59	37	2 187	
OTHER	235			123		123		4 565	
TOTAL-PORTAGE	3 354			1 745	1 563	182		6 752	
POUCE COUPE 080-12W6									
PEACE RIVER A	4 816	0.75	0.02	3 540	3 354	186	38	7 027	11 891
KISKATINAW B	606	0.75	0.05	432	132	300	38	11 376	200
KISKATINAW F	828	0.85	0.05	669	371	298	38	11 193	1 357
KISKATINAW G	1 388	0.70	0.05	923	227	696	38	26 142	1 176
KISKATINAW H	558	0.85	0.05	450	93	357	38	13 487	200
KISK 079-12	517	0.70	0.05	344		344	38	12 910	731
OTHER	3 953			2 889	336	2 553		96 296	
TOTAL-POUCE COUPE	12 666			9 247	4 513	4 734		178 431	
POUCE COUPE SOUTH 078-12W6									
PEACE RIVER A	960	0.85	0.03	792			38		6 809
PEACE RIVER A TOTAL	960	0.85	0.05	792	736	56	38	2 118	
PEACE RIVER B		0.70	0.05				38		5 647
PEACE RIVER B		0.70	0.02				38		1 587
PEACE RIVER B		0.70	0.02				38		1 265
PEACE RIVER B TOTAL	1 278	0.70	0.05	876	876	< 1	38	-	
GETHING A	526	0.90	0.03	459	459	< 1	38	-	300
CADOMIN E	427	0.80	0.05	325	33	292	37	10 892	901
BOUNDARY B SOLN	1 226	0.39	0.15	406	83	323	43	13 815	
DOIG B	2 973	0.80	0.10	2 140	502	1 638	39	63 538	2 768
OTHER	2 233			1 530	300	1 230		47 126	
TOTAL-POUCE COUPE SOUTH	9 623			6 528	2 989	3 539		137 489	
PRAIRIE RIVER (SA) 070-14W5									
TOTAL-PRAIRIE RIVER	146			99		99		3 834	
PRESLEY 059-19W5									
TOTAL-PRESLEY	464			340	162	178		7 066	
PRESPATOU (SA) 088-12W6									
TOTAL-PRESPATOU	221			142		142		5 507	
PREVO 039-01W5									
PEKISKO B	1 250	0.60	0.10	675	623	52	40	2 055	604
OTHER	2 370			1 474	428	1 046		42 207	
TOTAL-PREVO	3 620			2 149	1 051	1 098		44 262	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.50	0.250	0.60	4 670	24	0.914	0.57	714.8	1970	1985	MATERIAL BALANCE
4.65	0.180	0.55	4 670	27	0.918	0.57	723.9	1970	1986	MATERIAL BALANCE
								1970	1985	TCPL
2.64	0.150	0.70	4 650	33	0.923	0.57	733.6	1968	1981	TCPL CWNGNUL MATERIAL BALANCE
33.30	0.053	0.90	36 760	130	0.970	0.79	3 777.4	1987	1988	BER TOP/BASE TVD
2.68	0.309	0.60	1 700	20	0.966	0.56	356.3	1972	1990	
15.45	0.143	0.25	1 700	20	0.967	0.57	368.9	1972	1990	
								1972	1982	
6.39	0.182	0.70	4 290	33	0.926	0.57	708.9	1943	1989	A&S HUSKY PANALTA WCST PRODUCTION DECLINE
9.50	0.090	0.80	23 870	84	0.922	0.60	2 423.3	1977	1990	BP HUSKY WCST MATERIAL BALANCE
4.69	0.089	0.80	21 450	92	0.915	0.63	2 339.0	1976	1990	NRTHRGE WCST
9.71	0.090	0.75	21 490	96	0.920	0.63	2 351.5	1976	1990	NRTHRGE A&S PANALTA WCST
22.46	0.090	0.80	18 790	78	0.883	0.64	2 351.0	1988	1989	A&S PANALTA
6.12	0.080	0.80	21 550	96	0.920	0.62	2 358.5	1974	1988	NRTHRGE WCST
2.02	0.200	0.60	5 600	41	0.914	0.56	983.9	1956	1990	MATERIAL BALANCE
								1956	1990	ESSO SHELL
6.41	0.170	0.70	5 380	44	0.919	0.57	991.7	1953	1989	
1.60	0.159	0.70	5 380	44	0.919	0.57	1 022.1	1953	1989	
2.88	0.170	0.70	5 380	44	0.919	0.57	1 020.7	1953	1989	
								1953	1989	
6.70	0.145	0.80	13 410	64	0.869	0.61	1 517.1	1958	1986	
3.95	0.136	0.70	13 000	64	0.870	0.62	1 542.7	1979	1982	ESSO SHELL
						0.79		1980	1989	PANALTA WCST
8.18	0.099	0.80	17 770	75	0.876	0.62	1 912.4	1977	1990	ESSO SHELL AMOCO PROGAS
9.69	0.071	0.60	16 490	61	0.812	0.68	2 013.9	1958	1986	TCPL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS 1 INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	MARKETABLE GAS 4 INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
PRINCESS 020-11W4									
MILK RIVER A	11 684	0.70	0.05	7 770			36		87 450
MEDICINE HAT A	6 407	0.70	0.03	4 350			36		83 907
MEDICINE HAT C	736	0.50	0.03	357			36		26 646
MEDICINE HAT D	522	0.50	0.03	253			36		18 374
SECOND WHITE SPECKS A	7 761	0.75	0.05	5 530			36		66 465
SE ALTA GAS SYS(MU) TOTAL	27 110	0.70	0.05	18 260	7 619	10 641	36	388 077	
BASAL MANNVILLE A	506	0.90	0.05	432	141	291	37	10 718	425
BASAL MANNVILLE M	769	0.60	0.05	438	429	9	37	336	739
JEFFERSON B	966	0.90	0.20	695	674	21	35	740	2 503
OTHER	2 520			1 833	1 122	711		26 389	
TOTAL-PRINCESS	31 871			21 658	9 985	11 673		426 260	
PRITCHARD 061-01W4									
TOTAL-PRITCHARD	30			20	4	16		589	
PROGRESS 078-09W6									
HALFWAY B SOLN	707	0.65	0.10	414	114	300	40	11 913	
HALFWAY P ASSOC	667	0.90	0.10	540		540	41	21 897	574
HALFWAY A	3 987	0.85	0.10	3 050	919	2 131	40	84 665	4 160
HFWY 36-078-10	512	0.80	0.10	369		369	41	14 959	400
DOIG C	1 154	0.80	0.05	877	46	831	37	30 664	1 751
BELL 078-09	843	0.75	0.05	600		600	31	18 438	992
BELL 078-09	766	0.75	0.05	546		546	35	19 268	1 194
OTHER	3 324			2 303	144	2 159		83 804	
TOTAL-PROGRESS	11 960			8 699	1 223	7 476		285 608	
PROVINCE 008-11W4									
TOTAL-PROVINCE	57			40		40		1 423	
PROVOST 037-07W4									
BELLY RIVER B	454	0.70	0.05	302	69	233	37	8 656	2 644
VIKING C ASSOC	50 000	0.75	0.04	36 000[b]			37		469 193
VIKING C SOLN	2 325	0.12	0.20	223[b]			37		
VIKING CAK & MANN E TOTAL	52 325	0.70	0.05	36 223[b]	26 048[b]	10 175	37	379 528	
VIKING L	710	0.70	0.05	472			36		7 976
VIKING O	22	0.65	0.01	14			37		363
VIKING L & O TOTAL	732	0.70	0.05	486	131	355	36	12 926	
BASAL COLORADO A	696	0.70	0.05	463			37		4 251
MANNVILLE M	146	0.65	0.05	90			37		679
BSL COLO A & MANN M TOTAL	842	0.70	0.05	553	97	456	37	17 018	
MANNVILLE Q	698	0.65	0.05	431	284	147	37	5 411	499
MANNVILLE Z	1 109	0.85	0.10	849	715	134	38	5 121	2 479
UPPER MANNVILLE B ASSOC	363	0.75	0.05	258[b]			36		382
UPPER MANNVILLE B SOLN	376	0.65	0.15	207[b]			36		
UPPER MANNVILLE B ASSOC	9	0.65	0.05	6[b]			36		40
UPPER MANNVILLE B ASSOC	6	0.65	0.05	4[b]			36		43
UPPER MANNVILLE B TOTAL	754	0.70	0.10	475[b]	39[b]	436	36	15 604	
UPPER MANNVILLE AA	830	0.85	0.05	671	544	127	38	4 848	2 904
UPPER MANNVILLE E2E	6 415	0.75	0.10	4 330			38		12 806
LOWER MANNVILLE FF	87	0.70	0.10	55			38		528
U MANN E2E&L MANN FF TOTAL	6 502	0.75	0.10	4 385	2 387	1 998	38	75 405	
LOWER MANNVILLE EE	750	0.80	0.05	570	430	140	38	5 298	300
OTHER	19 697			12 912	2 313	10 599		385 661	
TOTAL-PROVOST	84 693			57 857	33 057	24 800		915 476	
PUSKWASKAU 074-01W6									
TOTAL-PUSKWASKAU	1 252			732		732		29 346	
PYRAMID 105-10W6									
TOTAL-PYRAMID	102			68		68		2 552	
QUEENSTOWN 019-21W4									
TOTAL-QUEENSTOWN	547			369		369		13 671	
QUIGLEY (SA) 083-14W4									
TOTAL-QUIGLEY	2			1		1		37	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.28	0.154	0.55	3 140	16	0.937	0.56	377.3	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.77	0.170	0.55	4 310	17	0.916	0.56	465.5	1904	1982	PART OF MED HAT POOL NO.1
0.70	0.139	0.60	4 450	19	0.916	0.56	476.5	1973	1987	PART OF MED HAT POOL NO.3
0.72	0.139	0.60	4 450	19	0.916	0.56	510.2	1973	1987	PART OF MED HAT POOL NO.4
1.51	0.216	0.60	5 690	27	0.904	0.56	657.4	1944	1987	PART OF 2WS POOL NO.1
								1904	1986	VECTOR SCEPTRE TCPL CONTIN PANALTA RENENER
6.98	0.200	0.70	10 690	31	0.821	0.62	969.3	1940	1966	TCPL
2.79	0.250	0.50	10 800	35	0.832	0.62	996.0	1958	1977	TCPL MATERIAL BALANCE
4.12	0.100	0.75	10 980	38	0.804	0.81	1 196.6	1940	1989	TCPL
						0.64		1981	1986	PANALTA SHELL
4.85	0.165	0.85	16 870	68	0.823	0.68	1 652.7	1987	1989	DIRECT SHELL WCST
6.19	0.123	0.75	17 540	75	0.854	0.65	1 867.3	1976	1989	ICG PANALTA
5.85	0.150	0.85	16 840	71	0.812	0.72	1 739.3	1985	1989	A&S CANST
4.05	0.106	0.85	18 940	68	0.875	0.62	1 847.5	1981	1990	AMOCO A&S DIRECT CANST PROGAS SHELL
5.70	0.133	0.70	18 940	83	0.945	0.64	2 049.7	1980	1984	SOQUIP METHON MOBIL
3.94	0.140	0.70	19 230	83	0.924	0.59	2 066.4	1980	1985	SOQUIP METHON MOBIL
3.60	0.280	0.70	2 340	14	0.952	0.55	306.7	1971	1980	
1.60	0.220	0.38	5 890	29	0.890	0.60	895.1	1952	1985	MATERIAL BALANCE MU - VIKING CAK&MANN E, CONC PROD
						0.60		1952	1985	MATERIAL BALANCE MU - VIKING CAK&MANN E, CONC PROD
								1946	1985	ESSO CHEL TCPL ATCOR PSR CANST CWNGNUL CANOXY HUSKY NCO RENENER CONCURRENT PRODUCTION
1.23	0.218	0.55	5 860	33	0.902	0.60	889.9	1952	1987	
0.88	0.230	0.50	5 800	30	0.894	0.61	929.4	1956	1987	
								1952	1987	
2.30	0.203	0.55	6 130	34	0.890	0.60	929.3	1963	1990	
2.59	0.190	0.75	5 670	35	0.899	0.62	934.9	1963	1988	
								1963	1990	TCPL NCO
3.38	0.291	0.80	6 140	26	0.888	0.59	797.0	1972	1990	TCPL POCO MATERIAL BALANCE
2.23	0.295	0.80	7 790	33	0.852	0.62	1 061.9	1949	1986	TCPL PANALTA MATERIAL BALANCE
6.87	0.288	0.80	5 670	25	0.900	0.59	765.0	1973	1990	GPP
						0.59		1973	1990	GPP
1.58	0.306	0.80	5 670	24	0.898	0.59	726.3	1973	1990	
0.99	0.280	0.80	5 670	24	0.898	0.59	733.7	1973	1984	
								1973	1988	TCPL CANOXY GPP
1.94	0.224	0.65	9 120	37	0.833	0.64	1 068.0	1975	1990	RENENER CWNGNUL MATERIAL BALANCE
4.59	0.200	0.65	7 820	35	0.860	0.62	1 125.1	1974	1990	
1.59	0.193	0.65	7 680	37	0.852	0.65	1 145.2	1982	1985	
								1974	1990	A&S VECTOR KANNGAZ TCPL ATCOR CWNGNUL PANALTA PROGAS
3.60	0.146	0.60	7 810	35	0.855	0.63	1 126.2	1984	1989	A&S PANALTA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
QUIRK CREEK 021-04W5									
RUNDLE A	13 000	0.80	0.25	7 800	6 307	1 493	40	60 153	2 250
RUNDLE C	619	0.75	0.25	348	256	92	40	3 665	200
RUNDLE E	2 314	0.50	0.25	868	285	583	40	23 308	400
RUND 15-021-05	802	0.80	0.25	482		482	40	19 511	200
OTHER	280			173		173		6 836	
TOTAL-QUIRK CREEK	17 015			9 671	6 848	2 823		113 473	
RACOSTA 031-11W4									
TOTAL-RACOSTA	648			436	54	382		14 458	
RADWAY 059-20W4									
TOTAL-RADWAY	651			428	5	423		15 749	
RAINBOW 110-06W6									
BLUESKY A	6 105	0.80	0.05	4 640			37		36 352
BLUESKY A	455	0.70	0.05	303			37		4 460
BLUESKY A	7	0.50	0.05	4			37		200
BLUESKY A	46	0.50	0.05	22			37		400
BLUESKY A	7	0.50	0.05	4			38		200
BLUESKY A	20	0.50	0.05	10			37		200
BLUESKY A	4	0.50	0.05	2			37		200
BLUESKY A	29	0.50	0.05	14			37		200
BLUESKY A	27	0.50	0.05	13			37		200
BLUESKY A	11	0.50	0.05	6			37		200
BLUESKY A	14	0.50	0.05	7			37		200
BLUESKY POOL NO. 1 A	7	0.50	0.05	4			38		200
BLUESKY POOL NO. 1 A	14	0.50	0.05	7			37		200
BLUESKY A	32	0.50	0.05	15			34		561
BLUESKY POOL NO. 1 A	10	0.50	0.05	5			37		200
BLUESKY POOL NO. 1 A	13	0.50	0.05	7			37		200
BLUESKY POOL NO. 1 A	16	0.50	0.05	8			37		200
BLUESKY A TOTAL	6 817	0.80	0.05	5 071	2 028	3 043	37	112 439	
SLAVE POINT A	434	0.85	0.10	332	88	244	38	9 191	833
KEG RIVER B SOLN	3 403	0.72	0.30	1 715	1 685	30	39	1 169	
KEG RIVER F SOLN	5 000	0.60	0.40	1 800	1 791	9	43	390	
KEG RIVER Q SOLN	1 127	0.65	0.10	660	14	646	40	26 002	
KEG RIVER II SOLN	677	0.65	0.30	308	278	30	41	1 237	
KEG RIVER A SOLN	2 016	0.88	0.30	1 242[b]			41		
KEG RIVER A ASSOC	1 173	0.90	0.10	950[b]	-54[b]	2 246	41	93 029	104
KEG RIVER F ASSOC	933	0.85	0.15	674	-43	717	43	31 032	697
KEG RIVER O SOLN	1 625	0.80	0.25	975[b]			40		
KEG RIVER O ASSOC		0.75	0.10		-15[b]	990	40	39 719	
KEG RIVER AA SOLN	2 071	0.70	0.40	870[b]			44		
KEG RIVER AA ASSOC		0.75	0.10		65[b]	805	44	35 018	
KEG RIVER FFF	800	0.90	0.20	576	403	173	42	7 216	64
OTHER	13 710			6 281	1 070	5 211		212 252	
TOTAL-RAINBOW	39 786			21 454	7 310	14 144		568 694	
RAINBOW SOUTH 107-09W6									
KEG RIVER E SOLN	1 446	0.56	0.40	486	290	196	44	8 589	
KEG RIVER A SOLN	1 007	0.54	0.50	272[b]			39		
KEG RIVER A ASSOC	301	0.85	0.15	218[b]	342[b]	148	39	5 840	84
OTHER	6 852			3 418	662	2 756		110 515	
TOTAL-RAINBOW SOUTH	9 606			4 394	1 294	3 100		124 944	
RAINIER 017-15W4									
TOTAL-RAINIER	775			510	54	456		16 485	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
43.39	0.080	0.80	15 720	49	0.745	0.76	1 971.6	1967	1984	TCPL MATERIAL BALANCE TOP/BASE TVD
22.10	0.070	0.80	18 410	70	0.795	0.77	2 806.1	1975	1989	TCPL PRODUCTION DECLINE
59.25	0.063	0.80	18 550	73	0.787	0.80	2 799.7	1973	1988	TCPL TOP/BASE TVD
33.50	0.080	0.80	18 100	70	0.802	0.76	2 595.8	1975	1982	TCPL
5.25	0.210	0.40	2 500	22	0.950	0.59	439.9	1973	1990	PART OF BLSKY POOL NO.1 MATERIAL BALANCE
4.38	0.210	0.40	2 700	20	0.946	0.59	364.0	1973	1990	PART OF BLSKY POOL NO.1
1.80	0.190	0.40	2 480	23	0.951	0.59	435.0	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 07-08-107-04W6M
3.85	0.215	0.50	2 720	20	0.942	0.62	343.4	1973	1990	PART OF BLSKY POOL NO.1
1.60	0.210	0.40	2 610	19	0.943	0.60	332.7	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-30-108-02W6M
3.90	0.230	0.40	2 670	20	0.946	0.59	361.5	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 07-03-108-03W6M
1.50	0.120	0.40	2 650	19	0.946	0.59	328.1	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-02-109-03W6M
4.60	0.200	0.50	3 030	17	0.938	0.57	276.5	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-36-110-02W6M
6.90	0.200	0.40	2 470	28	0.954	0.59	485.7	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 03-02-110-08W6M
2.00	0.210	0.40	3 050	16	0.939	0.57	249.6	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-26-111-02W6M
2.40	0.230	0.50	2 520	28	0.953	0.59	481.5	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-34-107-05W6M
1.40	0.240	0.40	2 500	24	0.949	0.59	483.5	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 13-06-108-05W6M
4.90	0.160	0.40	2 260	22	0.955	0.59	437.7	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-32-108-05W6M
2.53	0.210	0.40	2 730	32	0.956	0.61	418.6	1973	1990	PART OF BLSKY POOL NO.1
1.80	0.210	0.45	2 780	18	0.943	0.59	315.5	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 10-33-110-04W6M
3.40	0.170	0.40	2 700	16	0.943	0.59	261.6	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 11-19-111-03W6M
2.40	0.220	0.55	2 720	17	0.944	0.58	284.6	1973	1990	PART OF BLSKY POOL NO.1 ASSIGNED WELL 06-16-111-04W6M
								1973	1990	A&S TCPL HUSKY CANOXY PANALTA OPINAC PART OF BLSKY POOL NO.1
7.04	0.069	0.75	14 760	77	0.838	0.74	1 691.5	1966	1989	HUSKY OMV
						0.80		1965	1988	HUSKY
						0.87		1966	1990	HUSKY
						0.69		1967	1989	HUSKY
						0.78		1967	1990	CANST HUSKY
						0.81		1965	1990	HUSKY DRY GAS BREAKTHROUGH
59.10	0.110	0.94	17 690	75	0.783	0.81	1 833.7	1965	1990	HUSKY DRY GAS BREAKTHROUGH
20.16	0.043	0.80	17 100	72	0.730	0.87	1 790.0	1966	1990	HUSKY
						0.73		1966	1983	GAS BREAKTHROUGH
						0.73		1966	1983	GAS BREAKTHROUGH
						0.80		1967	1988	CONING SECONDARY GAS CAP
						0.80		1967	1988	CONING SECONDARY GAS CAP
122.19	0.046	0.80	17 690	60	0.694	0.93	1 862.1	1966	1989	HUSKY PRODUCTION DECLINE
						0.85		1966	1990	HUSKY
						0.72		1965	1990	HUSKY GPP
31.09	0.069	0.90	18 330	68	0.823	0.72	1 872.8	1965	1990	HUSKY GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
RAM (SA) 037-14W5									
TV 21-037-14	1 650	0.75	0.35	805		805	34	27 088	256
OTHER	311			174		174		6 746	
TOTAL-RAM	1 961			979		979		33 834	
RAMBLING 090-07W6									
TOTAL-RAMBLING	34			21		21		781	
RANFURLY 050-12W4									
TOTAL-RANFURLY	1 512			1 004	470	534		19 831	
RASPBERRY (SA) 066-17W5									
TOTAL-RASPBERRY	81			55		55		2 162	
RATZ (SA) 126-18W5									
TOTAL-RATZ	68			47		47		1 763	
REAGAN 001-19W4									
TOTAL-REAGAN	154			75	36	39		1 402	
RED CAP (SA) 046-20W5									
TOTAL-RED CAP	575			395		395		15 452	
RED COULEE 001-17W4									
TOTAL-RED COULEE	30			21	11	10		386	
RED EARTH 087-08W5									
TOTAL-RED EARTH	463			243		243		9 061	
RED ROCK 063-07W6									
TOTAL-RED ROCK	1 474			1 044	300	744		29 343	
RED WILLOW 040-17W4									
VIKING C	268	0.75	0.05	191			37		3 610
VIKING D	453	0.60	0.05	258			37		4 555
LOWER MANNVILLE I	13	0.75	0.05	10			37		150
VIK CD& L MANN I TOTAL	734	0.65	0.05	459	110	349	37	12 854	
OTHER	3 587			2 335	511	1 824		66 935	
TOTAL-RED WILLOW	4 321			2 794	621	2 173		79 789	
REDFISH 092-08W5									
TOTAL-REDFISH	27			15		15		550	
REDLAND 027-22W4									
UPPER MANNVILLE A	1 022	0.90	0.04	883	789	94	40	3 728	600
OTHER	491			340	248	92		3 516	
TOTAL-REDLAND	1 513			1 223	1 037	186		7 244	
REDWATER 057-21W4									
UPPER VIKING I	292	0.70	0.05	194			38		3 895
MIDDLE VIKING F	6	0.70	0.05	4			38		200
LOWER VIKING L	194	0.70	0.05	129			38		1 314
UVIK I,MVIK F & LVIK TOTAL	492	0.70	0.05	327	108	219	38	8 261	
UPPER VIKING A	2 526	0.80	0.04	1 940[b]			37		48 349
MIDDLE VIKING A	783	0.80	0.04	601[b]			38		11 540
LOWER VIKING A ASSOC	329	0.80	0.04	252[b]			38		2 849
LOWER VIKING A SOLN	104	0.60	0.25	47[b]			38		
UV A & MV A & LV A TOTAL	3 742	0.80	0.05	2 840[b]	753[b]	2 087	38	78 555	
D-3 SOLN	6 831	0.62	0.60	1 694	1 638	56	47	2 639	
OTHER	3 483			2 258	425	1 833		67 809	
TOTAL-REDWATER	14 548			7 119	2 924	4 195		157 264	
REINE (SA) 081-22W5									
TOTAL-REINE	35			23		23		889	
REITA 059-03W4									
TOTAL-REITA	172			111	39	72		2 622	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
28.50	0.092	0.90	37 080	95	1.049	1.25	4 335.6	1988	1989	BER TOP/BASE TVD
1.15	0.148	0.70	5 970	31	0.898	0.59	988.2	1971	1988	
1.31	0.185	0.65	6 100	33	0.897	0.59	991.8	1953	1988	
1.24	0.160	0.50	8 180	36	0.870	0.60	1 130.9	1976	1988	
								1953	1989	TCPL CNG HUSKY PANALTA PROGAS RENENER
3.34	0.190	0.70	10 670	54	0.819	0.69	1 485.4	1961	1987	TCPL CWNGNUL PRODUCTION DECLINE
1.11	0.218	0.55	5 200	22	0.890	0.60	626.8	1976	1990	
0.50	0.170	0.65	5 200	22	0.897	0.58	625.3	1981	1988	
1.73	0.250	0.60	5 270	22	0.892	0.60	647.1	1976	1990	
								1976	1990	TCPL NONCOMMERCIAL OIL
0.81	0.240	0.50	5 240	33	0.906	0.60	624.2	1947	1988	PART OF VIK POOL NO.1
0.96	0.200	0.60	5 670	33	0.895	0.60	636.8	1947	1988	PART OF VIK POOL NO.1
0.94	0.220	0.60	5 450	21	0.882	0.60	644.4	1947	1988	PART OF VIK POOL NO.1 CONCURRENT PRODUCTION
						0.60		1947	1988	PART OF VIK POOL NO.1 CONCURRENT PRODUCTION
								1947	1988	ESSO TCPL KANNGAZ CWNGNUL CANOXY RENENER PART OF VIK POOL NO.1 CONCURRENT PRODUCTION
						1.05		1948	1988	ESSO CWNGNUL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
RESDELN 083-06W4									
TOTAL-RESDELN	265			131		131		4 883	
RETLAW 012-18W4									
BASAL COLORADO B	466	0.85	0.05	376	336	40	36	1 458	3 580
MANNVILLE RR SOLN	277	0.65	0.40	108b			36		
MANNVILLE RR ASSOC	374	0.85	0.10	286b	134b	260	36	9 472	1 960
MANNVILLE Y	1 030	0.85	0.20	701	307	394	38	15 114	328
MANNVILLE B ASSOC		0.90	0.05				38		907
MANNVILLE D		0.90	0.05				38		104
MANNVILLE B & D TOTAL	1 567	0.90	0.05	1 340b	830b	510	38	19 191	
MANNVILLE G2G ASSOC	599	0.85	0.10	458		458	36	16 676	300
OTHER	8 268			5 495	1 600	3 895		146 312	
TOTAL-RETLAW	12 581			8 764	3 207	5 557		208 223	
RIBSTONE 042-04W4									
TOTAL-RIBSTONE	1 173			781	189	592		20 767	
RICH 035-21W4									
LOWER MANNVILLE A	1 777	0.75	0.10	1 200	757	443	39	17 064	4 633
LOWER MANNVILLE D	530	0.80	0.10	382	252	130	39	5 005	812
OTHER	1 243			749	207	542		20 593	
TOTAL-RICH	3 550			2 331	1 216	1 115		42 662	
RICHDALE 030-12W4									
VIKING A	1 084	0.80	0.05	824			38		9 515
VIKING C	595	0.80	0.05	452			38		4 823
VIKING F	120	0.75	0.05	86			37		440
VIKING A,C & F TOTAL	1 799	0.80	0.05	1 362	719	643	38	24 241	
LOWER MANNVILLE T	403	0.80	0.05	306	260	46	39	1 782	1 873
OTHER	3 760			2 561	835	1 726		64 074	
TOTAL-RICHDALE	5 962			4 229	1 814	2 415		90 097	
RICHMOND 069-19W4									
TOTAL-RICHMOND	116			65	55	10		372	
RICINUS 035-08W5									
CARDIUM B SOLN	1 013	0.85	0.25	646		646	40a	26 124	
CARDIUM Q SOLN	548	0.85	0.10	419	121	298	41	12 126	
CARDIUM W SOLN	585	0.85	0.25	373	76	297	41	12 320	
CARDIUM A SOLN	2 653	0.85	0.15	1 917b			41a		
CARDIUM A ASSOC	8 316	c	c	6 950b	531b	8 336	41a	337 775	2 569
CARDIUM F SOLN	73	0.75	0.30	39b			40		
CARDIUM F ASSOC	2 222	0.80	0.10	1 600b	666b	973	40	39 358	827
CARDIUM L SOLN	238	0.85	0.50	101b			41		
CARDIUM L ASSOC	1 412	0.85	0.10	1 080b	-106b	1 287	41	52 188	651
CARDIUM R	960	0.80	0.05	730	231	499	39	19 681	904
CARDIUM QQQ	439	0.85	0.15	317		317	41	12 965	200
VIKING A	700	0.75	0.10	473			39		607
VIKING A	1 413	0.75	0.10	954			39		1 495
VIKING A TOTAL	2 113	0.75	0.10	1 427	322	1 105	39	43 625	
VIKING C	908	0.85	0.10	695	17	678	40	26 951	500
VIKING E	606	0.80	0.10	437	16	421	39	16 238	200
VIKING G	766	0.85	0.10	586		586	39	22 995	400
D-3 A	11 668	0.40	0.40	2 800	1 315	1 485	37	55 376	1 561
D-3 B	2 246	0.85	0.45	1 050	277	773	37	28 787	400
OTHER	7 005			4 080	762	3 318		131 515	
TOTAL-RICINUS	43 771			25 247	4 228	21 019		838 024	
RICINUS WEST 036-10W5									
D-3 A	49 494	0.90	0.45	24 500	21 545	2 955	38	111 551	2 591
OTHER	454			348	271	77		3 043	
TOTAL-RICINUS WEST	49 948			24 848	21 816	3 032		114 594	
RINGS 080-05W6									
TOTAL-RINGS	189			135		135		5 264	
RIVERCOURSE 047-01W4									
TOTAL-RIVERCOURSE	596			424	97	327		11 325	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.24	0.183	0.55	8 820	30	0.850	0.61	947.2	1960	1990	A&S TCPL PRODUCTION DECLINE
						0.68		1964	1985	TCPL A&S OIL POOL DEPLETED
1.28	0.166	0.65	11 800	32	0.797	0.68	1 067.7	1964	1985	TCPL A&S OIL POOL DEPLETED
4.30	0.260	0.90	11 790	35	0.780	0.75	1 073.7	1974	1980	TCPL MATERIAL BALANCE
2.05	0.221	0.70	11 860	35	0.803	0.69	1 083.6	1959	1982	MATERIAL BALANCE CONCURRENT PRODUCTION
0.80	0.233	0.70	11 860	35	0.803	0.68	1 068.5	1959	1982	MATERIAL BALANCE
								1959	1982	TCPL CONCURRENT PRODUCTION
7.50	0.248	0.80	11 580	34	0.799	0.69	1 084.9	1980	1989	NCO PROGAS
3.52	0.175	0.65	8 720	59	0.867	0.66	1 428.7	1953	1985	TCPL PANALTA RENENER MATERIAL BALANCE
3.31	0.208	0.70	8 580	59	0.869	0.66	1 394.2	1973	1985	TCPL PANALTA MATERIAL BALANCE
1.36	0.193	0.55	7 420	35	0.868	0.61	933.2	1955	1989	
1.59	0.196	0.50	7 490	35	0.873	0.60	940.5	1955	1984	
3.05	0.203	0.55	7 380	29	0.870	0.60	965.1	1970	1983	
								1955	1989	SCEPTRE TCPL
0.99	0.200	0.65	9 310	37	0.823	0.65	1 140.0	1972	1982	MATERIAL BALANCE
						0.71		1969	1990	A&S TCPL
						0.67		1971	1986	TCPL HUSKY TOP/BASE TVD
						0.71		1974	1987	TCPL
						0.92		1969	1988	CNG TCPL AMOCO GAS CYCLING, CONING GAS CAP
9.43	0.144	0.90	27 170	77	0.845	0.92	2 680.7	1969	1988	CNG TCPL AMOCO GAS CYCLING, CONING GAS CAP
						0.68		1969	1986	TCPL CNG AMOCO HUSKY MATERIAL BALANCE CONCURRENT PRODUCTION
10.25	0.132	0.85	14 000	62	0.810	0.68	1 970.8	1969	1986	TCPL CNG AMOCO HUSKY MATERIAL BALANCE CONCURRENT PRODUCTION
						0.68		1971	1990	CNG HUSKY DRY GAS BREAKTHROUGH
11.30	0.147	0.90	14 120	65	0.819	0.68	2 106.5	1971	1990	CNG HUSKY DRY GAS BREAKTHROUGH
4.12	0.040	0.90	12 440	51	0.821	0.64	1 677.3	1971	1988	TCPL PROGAS MATERIAL BALANCE
12.10	0.120	0.60	27 060	81	0.862	0.86	2 649.9	1969	1990	AMOCO TCPL
8.88	0.099	0.70	20 010	78	0.865	0.65	2 598.8	1972	1990	
7.30	0.091	0.75	19 930	74	0.861	0.64	2 334.0	1972	1989	
								1972	1990	TCPL PSR PANALTA PROGAS
14.05	0.095	0.70	20 980	86	0.855	0.73	2 805.8	1982	1989	PANALTA TOP/BASE TVD
20.80	0.100	0.75	20 500	74	0.865	0.66	2 793.1	1978	1988	PANALTA
13.40	0.100	0.75	20 650	85	0.861	0.72	2 858.7	1982	1989	PANALTA TOP/BASE TVD
35.15	0.073	0.75	40 610	108	0.973	0.79	4 206.1	1968	1984	A&S CNG TCPL PRODUCTION DECLINE
62.76	0.033	0.80	39 970	116	0.953	0.81	4 254.1	1972	1989	CNG HUSKY TOP/BASE TVD
124.66	0.065	0.90	39 910	118	0.949	0.83	4 465.9	1969	1986	A&S CNG TCPL HUSKY MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS	2	3	4 MARKETABLE GAS	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	AREA ha
RIVIERE 055-27W4									
TOTAL-RIVIERE	412			282	34	248		9 731	
ROBIN 012-20W4									
GLAUCONITIC A	1 084	0.90	0.15	830	5	825	38	31 367	1 721
OTHER	339			228		228		8 410	
TOTAL-ROBIN	1 423			1 058	5	1 053		39 777	
ROCHE (SA) 067-07W5									
TOTAL-ROCHE	57			36		36		1 392	
ROCHESTER 062-23W4									
TOTAL-ROCHESTER	1 403			910	163	747		27 782	
ROCKYFORD 026-23W4									
TOTAL-ROCKYFORD	1 802			1 139	332	807		32 508	
ROLLA 079-06W6									
TOTAL-ROLLA	286			200		200		7 595	
ROMEO 025-04W4									
TOTAL-ROMEO	514			349		349		13 127	
RONALANE 013-12W4									
TOTAL-RONALANE	109			79		79		2 844	
ROSEBUD 027-21W4									
TOTAL-ROSEBUD	110			75		75		2 906	
ROSEVEAR 054-15W5									
BEAVERHILL LAKE A	7 095	0.90	0.17	5 300	3 172	2 128	38	81 481	3 201
BEAVERHILL LAKE B	6 095	0.85	0.17	4 300	1 492	2 808	38	107 518	2 145
OTHER	245			156		156		6 174	
TOTAL-ROSEVEAR	13 435			9 756	4 664	5 092		195 173	
ROSSBEAR (SA) 094-14W5									
TOTAL-ROSSBEAR	10			6		6		220	
ROUSSEAU (SA) 090-01W6									
TOTAL-ROUSSEAU	10			6		6		224	
ROUTE 062-08W6									
TOTAL-ROUTE	274			183	10	173		6 728	
ROWLEY 032-20W4									
BELLY RIVER A	667	0.75	0.05	475	332	143	37	5 294	1 002
PEKISKO A ASSOC		0.92	0.05				40		1 503
PEKISKO A SOLN	613	0.65	0.05	378b			40		
PEKISKO A ASSOC		0.92	0.05				40		1 120
PEKISKO A TOTAL	2 021	0.85	0.05	1 608b	1 290b	318			
OTHER	3 582			2 283	657	1 626		62 165	
TOTAL-ROWLEY	6 270			4 366	2 279	2 087		67 459	
ROXANA 078-19W5									
BELLOY A	526	0.70	0.10	331	1	330	38	12 533	2 758
OTHER	545			364		364		13 471	
TOTAL-ROXANA	1 071			695	1	694		26 004	
ROYAL 053-16W4									
TOTAL-ROYAL	1 445			901	152	749		27 962	
ROYCE 084-07W6									
WAB 02-084-07	571	0.75	0.10	385		385	36	13 983	440
OTHER	260			187		187		6 753	
TOTAL-ROYCE	831			572		572		20 736	
RUBEN (SA) 083-03W5									
TOTAL-RUBEN	5			3		3		116	
RUMSEY 034-21W4									
TOTAL-RUMSEY	1 583			997	535	462		17 595	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.50	0.193	0.70	11 700	38	0.803	0.71	1 219.6	1981	1990	A&S
11.39	0.089	0.85	32 810	116	0.989	0.71	3 222.7	1971	1989	TCPL MATERIAL BALANCE
17.87	0.089	0.85	32 810	116	0.989	0.71	3 224.9	1974	1989	TCPL MATERIAL BALANCE
9.18	0.308	0.60	3 100	27	0.945	0.56	677.1	1964	1990	TCPL RENENER PRODUCTION DECLINE
3.69	0.081	0.80	10 240	50	0.825	0.68	1 348.8	1960	1988	MATERIAL BALANCE CONCURRENT PRODUCTION
						0.68		1960	1988	MATERIAL BALANCE CONCURRENT PRODUCTION
2.31	0.154	0.90	10 130	50	0.827	0.67	1 335.8	1960	1988	MATERIAL BALANCE
								1960	1988	ESSO TCPL RENENER CONCURRENT PRODUCTION
1.32	0.258	0.80	6 840	39	0.891	0.60	876.0	1974	1990	PROGAS
15.85	0.060	0.70	22 370	85	0.912	0.65	2 128.3	1974	1983	TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS POOL RECOVERY frac	3 RAW GAS SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS REMAINING ENERGY CONTENT TJ	9 AREA ha
RUNDLE 065-16W4									
TOTAL-RUNDLE	158			96	46	50		1 860	
RUSSET (SA) 120-22W5									
TOTAL-RUSSET	52			37		37		1 365	
RYAN (SA) 096-14W5									
TOTAL-RYAN	45			26		26		954	
RYCROFT 077-04W6									
GETHING D	551	0.80	0.10	397	19	378	38	14 198	150
OTHER	2 617			1 557	253	1 304		50 540	
TOTAL-RYCROFT	3 168			1 954	272	1 682		64 738	
SABBATH (SA) 106-12W6									
TOTAL-SABBATH	10			7		7		267	
SADDLE HILLS 076-08W6									
PADDY B	1 203	0.70	0.05	800	502	298	37	11 008	1 681
CADOTTE D	568	0.70	0.05	378	95	283	37	10 556	1 177
OTHER	1 702			1 051	132	919		35 209	
TOTAL-SADDLE HILLS	3 473			2 229	729	1 500		56 773	
SAKWATAMAU 063-14W5									
TOTAL-SAKWATAMAU	846			546	2	544		20 936	
SALESKI 086-18W4									
GROSMONT A	2 000	0.50	0.05	950	799	151	36	5 507	33 155
OTHER	523			321	232	89		3 260	
TOTAL-SALESKI	2 523			1 271	1 031	240		8 767	
SALTER 027-08W5									
RUNDLE A	3 581	0.70	0.25	1 880	83	1 797	37	67 316	1 780
TOTAL-SALTER	3 581			1 880	83	1 797		67 316	
SAMSON 044-24W4									
TOTAL-SAMSON	1 021			736	280	456		17 817	
SAND (SA) 069-08W4									
TOTAL-SAND	42			23		23		848	
SANDY 082-20W4									
TOTAL-SANDY	2			1	1				
SANGUDO 057-06W5									
TOTAL-SANGUDO	355			247	2	245		8 789	
SAPPHIRE (SA) 002-05W4									
TOTAL-SAPPHIRE	171			122		122		4 520	
SARAH 066-07W5									
TOTAL-SARAH	109			73		73		2 775	
SARCEE 023-03W5									
RUNDLE A	6 744	0.85	0.18	4 700	3 575	1 125	39	44 145	1 304
TOTAL-SARCEE	6 744			4 700	3 575	1 125		44 145	
SAUNDERS 040-13W5									
RUNDLE B	1 598	0.40	0.10	575	134	441	38	16 961	991
TV 19-040-13	795	0.60	0.10	429		429	39	16 607	200
TOTAL-SAUNDERS	2 393			1 004	134	870		33 568	
SAVANNA CREEK 014-04W5									
RUNDLE A	6 860	0.80	0.20	4 390	3 015	1 375	38	51 659	4 048
TOTAL-SAVANNA CREEK	6 860			4 390	3 015	1 375		51 659	
SAWDY 069-22W4									
TOTAL-SAWDY	188			123	30	93		3 454	
SAXON 061-24W5									
TOTAL-SAXON	200			133		133		5 104	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
21.40	0.190	0.75	11 890	52	0.863	0.63	1 264.0	1983	1989	A&S
6.09	0.180	0.60	7 020	52	0.901	0.62	1 215.8	1972	1988	TCPL A&S CWNGNUL MATERIAL BALANCE
4.71	0.250	0.65	6 410	46	0.906	0.60	1 105.8	1957	1990	CWNGNUL PANALTA
13.46	0.133	0.30	780	9	0.983	0.57	242.2	1977	1990	PARAMNT A&S NCO PANALTA PRODUCTION DECLINE
21.20	0.051	0.75	26 900	75	0.886	0.68	2 670.7	1972	1987	TCPL PANALTA TOP/BASE TVD
29.54	0.074	0.80	26 300	81	0.900	0.71	3 051.2	1954	1984	CWNGNUL MATERIAL BALANCE DEEP CUT SL
13.58	0.059	0.80	32 030	93	0.989	0.62	3 571.4	1976	1984	TCPL
31.92	0.062	0.80	35 580	115	1.039	0.62	4 002.0	1977	1984	TCPL
54.40	0.040	0.85	19 210	58	0.818	0.69	2 572.5	1954	1987	HUSKY MOBIL WCST MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SCANDIA 016-16W4									
TOTAL-SCANDIA	256			199	155	44		1 655	
SCULLY (SA) 100-20W5									
TOTAL-SCULLY	84			60		60		2 131	
SEAL 082-14W5									
TOTAL-SEAL	988			632		632		23 367	
SEDALIA 030-05W4									
BELLY RIVER A	1 464	0.50	0.05	695	643	52	37	1 913	6 424
BELLY RIVER D	552	0.60	0.05	314	288	26	37	956	2 451
VIKING C		0.73	0.08				37		10 633
VIKING E		0.73	0.08				37		4 329
VIKING C & E TOTAL	1 562	0.75	0.10	1 050	776	274	37	10 108	
VIKING A		0.70	0.08				37		7 515
VIKING F		0.70	0.08				37		200
UPPER MANNVILLE D		0.70	0.05				37		256
LOWER MANNVILLE B		0.70	0.05				37		1 294
VIK A&F, UMN D & LMN TOTAL	643	0.70	0.05	419	391	28	37	1 039	
OTHER	1 323			725	368	357		13 064	
TOTAL-SEDALIA	5 544			3 203	2 466	737		27 080	
SEDGEWICK 042-12W4									
BASAL MANNVILLE A	614	0.85	0.10	470	374	96	37	3 537	1 001
OTHER	266			188	24	164		5 996	
TOTAL-SEDGEWICK	880			658	398	260		9 533	
SEIU LAKE 025-18W4									
BELLY RIVER B	567	0.90	0.05	485	4	481	37	17 614	250
MEDICINE HAT A	856	0.70	0.03	581			36		12 401
SE ALTA GAS SYS (MU) TOTAL	856	0.70	0.05	581		581	36	21 189	
UPPER MANNVILLE A	1 491	0.85	0.10	1 140	537	603	39	23 776	5 003
OTHER	1 048			677	201	476		18 465	
TOTAL-SEIU LAKE	3 962			2 883	742	2 141		81 044	
SEXSMITH 074-06W6									
TOTAL-SEXSMITH	1 161			766	92	674		25 908	
SHADOW 074-17W5									
TOTAL-SHADOW	79			59		59		2 205	
SHANE 077-02W6									
TOTAL-SHANE	766			555	160	395		15 347	
SHANNON 026-06W4									
TOTAL-SHANNON	156			106	4	102		3 755	
SHAUNICY (SA) 007-03W4									
TOTAL-SHAUNICY	310			248		248		8 872	
SHAW 049-22W5									
SPRAY RIVER A	139	0.75	0.10	94			37		200
RUNDLE A	2 345	0.40	0.10	844			38		2 348
SPRAY RIV A&RUNDLE A TOTAL	2 484	0.40	0.10	938	294	644	38	24 459	
TOTAL-SHAW	2 484			938	294	644		24 459	
SHEKILIE 117-09W6									
SUL PT 08-119-07	419	0.85	0.15	303		303	36	10 884	64
KR 11-118-08	944	0.80	0.25	566		566	43	24 202	64
OTHER	4 118			2 209	209	2 000		79 792	
TOTAL-SHEKILIE	5 481			3 078	209	2 869		114 878	
SHETLAND 106-10W6									
TOTAL-SHETLAND	50			36		36		1 304	
SHOULDICE 020-23W4									
MEDICINE HAT A	943	0.70	0.03	640			36		14 671
SE ALTA GAS SYS (MU) TOTAL	943	0.70	0.05	640		640	36	23 341	
GLAUCONITIC J SOLN	20	0.65	0.30	9[b]			40		
GLAUCONITIC J ASSOC	506	0.90	0.10	410[b]	225[b]	194	40	7 663	252
OTHER	1 807			1 134	278	856		33 367	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
3.26	0.341	0.75	1 370	7	0.969	0.56	195.4	1973	1989	ESSO TCPL CWNGNUL CANOXY NCO PRODUCTION DECLINE
3.75	0.339	0.75	1 370	10	0.970	0.56	202.7	1975	1988	CWNGNUL PRODUCTION DECLINE
1.13	0.233	0.55	6 380	32	0.889	0.59	835.2	1954	1985	MATERIAL BALANCE
0.79	0.195	0.45	6 280	32	0.895	0.58	833.7	1958	1985	MATERIAL BALANCE
								1954	1985	TCPL
1.64	0.226	0.30	6 570	32	0.892	0.57	749.2	1956	1989	PART OF VIK POOL NO.5 PRODUCTION DECLINE
0.75	0.120	0.40	6 380	32	0.889	0.59	782.4	1957	1989	PART OF VIK POOL NO.5 PRODUCTION DECLINE
2.44	0.220	0.50	7 330	31	0.872	0.59	801.6	1976	1989	PART OF VIK POOL NO.5 PRODUCTION DECLINE
2.20	0.280	0.35	7 950	32	0.870	0.58	829.2	1968	1989	PART OF VIK POOL NO.5 PRODUCTION DECLINE
								1956	1989	TCPL ESSO RENENER PART OF VIK POOL NO.5
3.62	0.301	0.80	6 740	35	0.884	0.63	897.7	1954	1990	HUSKY TCPL
22.00	0.260	0.55	6 620	23	0.883	0.57	572.5	1988	1990	TCPL
1.60	0.170	0.55	4 310	17	0.916	0.56	783.7	1904	1987	PART OF MED HAT POOL NO.1
								1904	1983	TCPL
2.21	0.190	0.65	9 720	38	0.814	0.65	1 346.1	1960	1986	TCPL
2.40	0.090	0.90	32 680	99	1.008	0.62	3 920.5	1973	1986	PRODUCTION DECLINE TOP/BASE TVD
10.58	0.050	0.85	33 270	137	1.039	0.61	3 973.3	1973	1984	TOP/BASE TVD
								1973	1986	TCPL
60.13	0.098	0.85	13 710	66	0.879	0.67	1 639.5	1969	1969	
85.00	0.100	0.80	19 860	71	0.757	0.84	1 732.5	1983	1984	UNIGAS
1.49	0.170	0.55	4 310	17	0.916	0.56	838.7	1904	1988	PART OF MED HAT POOL NO.1
								1904	1988	PROGAS
						0.67		1981	1989	NORCEN CHEL DIRECT CONCURRENT PRODUCTION
7.48	0.222	0.80	13 330	45	0.788	0.67	1 648.2	1981	1989	NORCEN CHEL DIRECT CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SHOULDICE 020-23W4 (CONTINUED)									
TOTAL-SHOULDICE	3 276			2 193	503	1 690		64 371	
SIBBALD 027-02W4									
VIKING A	1 039	0.80	0.05	789	688	101	37	3 706	2 989
OTHER	2 070			1 396	330	1 066		39 136	
TOTAL-SIBBALD	3 109			2 185	1 018	1 167		42 842	
SILER 057-07W4									
TOTAL-SILER	186			120	14	106		3 886	
SILVER 017-28W4									
TOTAL-SILVER	236			161		161		6 218	
SIMONETTE 063-26W5									
DUNVEGAN F ASSOC	2 603	0.70	0.10	1 640	130	1 510	41	62 318	3 518
GETHING A	1 094	0.75	0.10	739	221	518	40	20 767	1 401
WABAMUN A	600	0.85	0.35	332	249	83	39	3 221	128
D-3 SOLN	9 706	0.34	0.50	1 650b			41		
D-3 ASSOC		0.80	0.25		1 596b	54	41	2 223	
OTHER	1 994			1 172	218	954		38 401	
TOTAL-SIMONETTE	15 997			5 533	2 414	3 119		126 930	
SIMONETTE NORTH (SA) 064-25W5									
TOTAL-SIMONETTE NORTH	35			23		23		889	
SINCLAIR 074-12W6									
PADDY A	5 062	0.90	0.10	4 100	3 518	582	41	23 652	3 437
PADDY B	1 343	0.80	0.10	967	792	175	41	7 088	2 209
PADDY D	494	0.85	0.10	378	97	281	40	11 358	1 725
FALHER A	2 852	0.85	0.15	2 060	1 308	752	40	30 298	11 200
GETHING D	561	0.90	0.05	480	206	274	40	10 930	150
CADOMIN POOL NO. 1 A	4 236	0.70	0.15	2 520	62	2 458	38	93 035	13 114
DOIG A	14 815	0.75	0.10	10 000	2 331	7 669	38	290 425	7 758
OTHER	6 981			4 631	909	3 722		145 952	
TOTAL-SINCLAIR	36 344			25 136	9 223	15 913		612 738	
SIPHON (SA) 086-10W6									
TOTAL-SIPHON	26			19		19		713	
SKARO 057-19W4									
TOTAL-SKARO	28			19		19		727	
SLAVE 084-14W5									
TOTAL-SLAVE	878			546	29	517		18 062	
SMITH 071-25W4									
TOTAL-SMITH	882			582		582		21 855	
SMITH COULEE 004-11W4									
BOW ISLAND A	941	0.85	0.05	760	700	60	35	2 077	17 862
BOW ISLAND B	409	0.85	0.05	331	327	4	35	140	4 973
OTHER	180			125	20	105		3 651	
TOTAL-SMITH COULEE	1 530			1 216	1 047	169		5 868	
SMOKY (SA) 059-03W6									
TOTAL-SMOKY	156			112		112		4 384	
SMOKY HEIGHTS (SA) 074-02W6									
TOTAL-SMOKY HEIGHTS	404			315		315		11 741	
SNEDDON 080-10W6									
TOTAL-SNEDDON	228			150		150		5 681	
SNIPE LAKE 071-18W5									
TOTAL-SNIPE LAKE	1 835			294	275	19		745	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.49	0.228	0.50	6 880	31	0.886	0.58	755.1	1951	1973	TCPL MATERIAL BALANCE
5.62	0.125	0.70	13 860	59	0.789	0.70	1 829.7	1959	1990	PROGAS OIL POOL DEPLETED
4.71	0.130	0.70	19 530	77	0.871	0.63	2 525.4	1970	1988	METHON AMOCO A&S DIRECT
46.94	0.080	0.85	34 160	104	0.903	1.13	3 364.9	1959	1989	PRODUCTION DECLINE
						0.86		1958	1988	SECONDARY GAS CAP BEING PRODUCED
						0.86		1958	1988	SECONDARY GAS CAP BEING PRODUCED
6.59	0.150	0.80	12 700	60	0.816	0.68	1 666.2	1978	1990	TCPL HUSKY MATERIAL BALANCE DEEP CUT SL
6.67	0.112	0.70	11 310	60	0.831	0.66	1 605.9	1978	1990	POCO TCPL
3.43	0.121	0.60	10 910	55	0.823	0.67	1 452.8	1978	1990	ESSO PANALTA PROGAS
3.14	0.079	0.60	14 150	65	0.827	0.66	1 823.4	1977	1986	TCPL HUSKY PROGAS MATERIAL BALANCE DEEP CUT SL
6.57	0.160	0.75	20 590	71	0.848	0.67	2 109.3	1978	1989	PANALTA PROGAS PRODUCTION DECLINE GAS STORAGE
5.45	0.053	0.70	18 180	87	0.899	0.62	2 358.0	1977	1990	TCPL PANALTA PART OF CDM POOL NO.1 DEEP CUT SL
11.73	0.092	0.85	26 120	101	0.954	0.62	2 512.9	1977	1987	POCO ESSO TCPL HUSKY PANALTA PROGAS
0.97	0.189	0.60	4 340	19	0.921	0.59	618.8	1947	1984	CMG MATERIAL BALANCE
0.90	0.266	0.60	4 360	24	0.925	0.58	648.7	1947	1985	CMG MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS 1 INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	MARKETABLE GAS 4 INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SNOWFALL 099-08W6									
TOTAL-SNOWFALL	324			232		232		9 261	
SOUNDING 030-09W4									
TOTAL-SOUNDING	1 085			719	379	340		12 850	
SOUSA 112-05W6									
TOTAL-SOUSA	877			473	91	382		14 460	
SPENCER 066-08W4									
TOTAL-SPENCER	45			26		26		953	
SPIERS 034-15W4									
TOTAL-SPIERS	790			511	283	228		8 475	
SPIRIT RIVER 078-07W6									
TOTAL-SPIRIT RIVER	2 022			1 151	86	1 065		41 233	
SPRUCE GROVE 052-27W4									
TOTAL-SPRUCE GROVE	123			85		85		3 248	
SPUR 072-02W5									
WABISKAW A	506	0.75	0.05	361	271	90	37	3 332	2 728
OTHER	651			426	30	396		14 711	
TOTAL-SPUR	1 157			787	301	486		18 043	
SPUTINA (SA) 096-24W4									
TOTAL-SPUTINA	136			90		90		3 236	
ST ALBERT-BIG LAKE 053-26W4									
OSTRACOD A	3 393	0.85	0.05	2 740	2 663	77	39	3 003	3 069
ST ALBERT BSL QTZ B	622	0.85	0.15	450		450	39	17 550	429
OTHER	754			415	22	393		15 091	
TOTAL-ST ALBERT-BIG LAKE	4 769			3 605	2 685	920		35 644	
ST ANNE 054-04W5									
TOTAL-ST ANNE	558			359	125	234		9 143	
ST PAUL 058-09W4									
UPPER MANNVILLE A	1 104	0.80	0.05	839	307	532	38	19 982	1 500
OTHER	1 406			806	255	551		20 484	
TOTAL-ST PAUL	2 510			1 645	562	1 083		40 466	
STANDARD 026-22W4									
VIKING A	652	0.90	0.10	528	101	427	39	16 538	1 703
OTHER	12			8		8		304	
TOTAL-STANDARD	664			536	101	435		16 842	
STANDISH (SA) 068-07W4									
TOTAL-STANDISH	7			4		4		149	
STANMORE 029-11W4									
VIKING A		0.70	0.05				38		7 712
VIKING B		0.70	0.05				38		2 383
VIKING A & B TOTAL	1 654	0.70	0.05	1 100	1 024	76	38	2 856	
UPPER MANNVILLE Z	941	0.85	0.05	760	673	87	39	3 391	2 753
OTHER	4 373			3 092	1 527	1 565		59 057	
TOTAL-STANMORE	6 968			4 952	3 224	1 728		65 304	
STEELE 066-25W4									
GRAND RAPIDS R SOLN	26	0.65	0.60	7b			36		
GRAND RAPIDS R ASSOC	532	0.75	0.05	379b	74b	312	36	11 307	435
OTHER	2 795			1 803	906	897		33 960	
TOTAL-STEELE	3 353			2 189	980	1 209		45 267	
STEEN 108-01W6									
TOTAL-STEEN	383			191		191		7 080	
STEEP BANK (SA) 094-07W4									
TOTAL-STEEP BANK	69			33		33		1 229	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.79	0.263	0.75	3 340	27	0.940	0.57	573.1	1979	1990	A&S NORCEN ICG ATCOR CANOXY SCEPTRE
1.30	0.192	0.75	10 090	35	0.760	0.78	1 128.9	1952	1990	NORCEN PRODUCTION DECLINE
10.06	0.200	0.70	9 410	49	0.807	0.78	1 143.8	1952	1964	
3.59	0.291	0.75	3 280	16	0.931	0.57	479.4	1947	1990	TCPL PWGE ESSO PANALTA OPINAC RENENER MATERIAL BALANCE
2.56	0.200	0.60	8 890	30	0.822	0.63	1 278.9	1956	1973	TCPL
2.97	0.267	0.55	7 310	33	0.872	0.60	870.1	1961	1982	MATERIAL BALANCE
1.49	0.267	0.60	7 310	33	0.872	0.60	881.5	1961	1982	MATERIAL BALANCE
								1961	1982	ESSO TCPL PROGAS RENENER
1.76	0.233	0.65	9 450	38	0.826	0.64	1 045.0	1970	1983	TCPL NCO RENENER PRODUCTION DECLINE
						0.59		1988	1990	RENENER CONING GAS CAP
10.05	0.300	0.80	4 760	21	0.909	0.59	620.6	1988	1990	RENENER CONING GAS CAP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
STETTLER 038-20W4									
TOTAL-STETTLER	1 272			380	255	125		4 844	
STETTLER NORTH 039-20W4									
LOWER MANNVILLE B	716	0.75	0.10	483	312	171	39	6 638	602
OTHER	389			206	18	188		7 173	
TOTAL-STETTLER NORTH	1 105			689	330	359		13 811	
STEVE 059-07W4									
TOTAL-STEVE	723			470	297	173		6 567	
STEWART 032-28W4									
TOTAL-STEWART	308			196		196		8 109	
STIMSON (SA) 015-02W5									
TOTAL-STIMSON	59			27		27		1 070	
STIRLING 007-19W4									
BOW ISLAND A	536	0.85	0.05	433	393	40	37	1 479	5 584
OTHER	19			10		10		350	
TOTAL-STIRLING	555			443	393	50		1 829	
STOLBERG 042-15W5									
RUNDLE A	2 708	0.50	0.10	1 220			39		1 021
RUNDLE B	4 178	0.50	0.10	1 880			39		2 779
RUNDLE C	552	0.50	0.15	235			39		440
RUNDLE D	1 570	0.50	0.15	667			39		1 794
RUNDLE A,B,C & D TOTAL	9 008	0.50	0.10	4 002	1 324	2 678	39	104 067	
RUNDLE E	1 047	0.45	0.10	424			39		440
RUNDLE F	803	0.45	0.10	325			39		335
RUNDLE G	565	0.50	0.15	241			39		440
RUNDLE E, F & G TOTAL	2 415	0.45	0.10	990	513	477	39	18 527	
OTHER	224			151		151		6 152	
TOTAL-STOLBERG	11 647			5 143	1 837	3 306		128 746	
STONY PLAIN (SA) 053-01W5									
TOTAL-STONY PLAIN	103			70		70		2 709	
STRACHAN 037-09W5									
GLAUCONITIC B	1 000	0.80	0.10	720	629	91	40	3 598	2 041
GLAUCONITIC D	738	0.80	0.05	561	146	415	39	16 276	1 275
D-3 A	40 741	0.90	0.25	27 500	24 302	3 198	39	125 298	1 973
D-3 B	540	0.90	0.20	389	344	45	38	1 708	645
D-3 C	3 083	0.60	0.20	1 480	1 245	235	39	9 102	706
OTHER	3 159			2 186	575	1 611		63 287	
TOTAL-STRACHAN	49 261			32 836	27 241	5 595		219 269	
STRATHMORE 024-25W4									
BELLY RIVER A	1 163	0.80	0.05	884	577	307	36	11 193	2 211
BELLY RIVER E	865	0.50	0.05	411	257	154	37	5 632	440
BELLY RIVER J	555	0.85	0.05	448	146	302	36	10 787	250
VIKING B	460	0.75	0.05	328	301	27	37	988	5 197
OTHER	4 396			2 287	1 138	1 149		43 320	
TOTAL-STRATHMORE	7 439			4 358	2 419	1 939		71 920	
STROME 044-16W4									
MANNVILLE G	844	0.75	0.05	601	140	461	37	16 969	1 173
OTHER	2 512			1 611	514	1 097		40 571	
TOTAL-STROME	3 356			2 212	654	1 558		57 540	
STRY 058-13W4									
UPPER MANNVILLE A	1 000	0.70	0.05	665	235	430	37	16 082	4 115
OTHER	1 933			1 190	377	813		30 299	
TOTAL-STRY	2 933			1 855	612	1 243		46 381	
STURGEON LAKE 071-23W5									
TOTAL-STURGEON LAKE	2 061			600	100	500		18 836	
STURGEON LAKE SOUTH 069-22W5									
D-3 SOLN	8 967	0.55	0.45	2 713b			37		

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
4.45	0.200	0.80	9 600	54	0.865	0.65	1 339.1	1975	1990	PWGE TCPL SCEPTRE MATERIAL BALANCE NONCOMMERCIAL OIL
2.62	0.204	0.65	3 360	27	0.940	0.56	781.5	1957	1986	CWNGNUL PRODUCTION DECLINE
24.06	0.050	0.85	31 830	107	0.995	0.64	3 471.4	1957	1984	TOP/BASE TVD
15.80	0.047	0.85	32 470	112	1.007	0.64	3 802.7	1957	1984	
13.10	0.047	0.85	33 290	117	1.013	0.65	4 113.6	1957	1984	TOP/BASE TVD
8.94	0.048	0.85	33 400	117	1.015	0.64	3 981.1	1974	1984	TOP/BASE TVD
								1957	1984	TCPL PANALTA
21.30	0.052	0.85	31 770	91	0.982	0.63	3 386.1	1976	1984	
19.27	0.058	0.85	32 310	94	0.992	0.62	3 769.5	1976	1984	
12.60	0.050	0.85	33 400	117	1.015	0.64	3 892.5	1974	1984	
								1976	1984	TCPL PANALTA
4.18	0.075	0.70	32 110	99	0.983	0.65	3 004.0	1981	1989	A&S ESSO CNG TCPL HUSKY PROGAS PRODUCTION DECLINE
3.33	0.101	0.70	31 460	98	0.981	0.64	2 976.1	1972	1989	A&S ESSO CNG TCPL HUSKY
115.81	0.082	0.90	49 300	124	1.151	0.76	4 110.8	1967	1986	CNG TCPL HUSKY MATERIAL BALANCE TOP/BASE TVD
51.51	0.031	0.80	49 190	124	1.162	0.63	4 097.9	1970	1987	CNG HUSKY MATERIAL BALANCE TOP/BASE TVD
25.02	0.080	0.80	31 410	116	0.964	0.75	3 712.6	1972	1987	TCPL HUSKY
3.53	0.280	0.60	3 210	29	0.944	0.57	897.4	1962	1987	CWNGNUL PRODUCTION DECLINE
8.40	0.213	0.65	3 150	30	0.946	0.57	908.4	1976	1985	CWNGNUL MATERIAL BALANCE
16.00	0.210	0.70	3 070	25	0.945	0.58	829.1	1975	1989	CWNGNUL MATERIAL BALANCE
1.07	0.148	0.65	7 700	44	0.884	0.62	1 464.0	1963	1989	TCPL CWNGNUL PRODUCTION DECLINE
5.95	0.239	0.70	7 170	44	0.890	0.63	1 042.5	1980	1989	A&S TCPL
2.95	0.327	0.60	4 050	24	0.924	0.56	615.9	1970	1987	MIPL TCPL
						0.78		1953	1987	A&S GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
STURGEON LAKE SOUTH 069-22W5 (CONTINUED)									
D-3 ASSOC	333	0.80	0.20	213[b]	2 149[b]	777	37	28 897	226
OTHER	3 034			1 668	256	1 412		54 568	
TOTAL-STURGEON LAKE SOUTH	12 334			4 594	2 405	2 189		83 465	
SUFFIELD 018-06W4									
MILK RIVER A	31 127	0.70	0.05	20 700			36		246 312
MEDICINE HAT A	16 494	0.70	0.03	11 200			36		224 904
MEDICINE HAT C	1 740	0.50	0.03	844			36		57 266
MEDICINE HAT D	2 062	0.50	0.03	1 000			36		46 656
SECOND WHITE SPECKS A	15 860	0.75	0.05	11 300			36		153 056
SE ALTA GAS SYS(MU) TOTAL	67 283	0.70	0.05	45 044	22 709	22 335	36	814 557	
BOW ISLAND N	669	0.80	0.05	508	284	224	36	8 055	2 221
BOW ISLAND C	409	0.80	0.05	311	10	301	36	10 845	1 838
UPPER MANNVILLE I	1 609	0.85	0.05	1 300	492	808	36	28 854	1 495
UPPER MANNVILLE AA	399	0.80	0.05	303	26	277	37	10 302	300
OTHER	4 315			2 920	896	2 024		72 712	
TOTAL-SUFFIELD	74 684			50 386	24 417	25 969		945 325	
SUGDEN 062-10W4									
VIKING POOL NO. 6 A	5 920	0.40	0.05	2 250	16	2 234	37	83 686	96 898
COLONY D	589	0.75	0.05	420	369	51	37	1 905	1 515
COLONY S	406	0.85	0.05	328	238	90	36	3 275	1 685
GRAND RAPIDS A	510	0.80	0.05	388			37		4 880
GRAND RAPIDS O	48	0.65	0.05	29			37		200
GRAND RAPIDS A & O TOTAL	558	0.80	0.05	417	109	308	37	11 279	
MCMURRAY C	640	0.65	0.05	395	275	120	37	4 452	800
OTHER	5 844			3 729	1 551	2 178		81 230	
TOTAL-SUGDEN	13 957			7 539	2 558	4 981		185 827	
SULLIVAN LAKE 035-13W4									
BELLY RIVER A	627	0.75	0.05	447			37		2 085
BELLY RIVER B	52	0.70	0.05	34			37		487
BELLY RIVER A & B TOTAL	679	0.75	0.05	481	364	117	37	4 327	
OTHER	1 670			948	480	468		17 671	
TOTAL-SULLIVAN LAKE	2 349			1 429	844	585		21 998	
SUNBURST (SA) 001-18W4									
TOTAL-SUNBURST	8			4		4		146	
SUNCHILD 043-11W5									
ELKTON-SHUNDA A	45	0.75	0.10	31			38		128
ELKTON-SHUNDA A	833	0.85	0.15	602			39		2 157
ELKTON-SHUNDA A	611	0.85	0.15	441			39		1 468
ELKTON-SHUNDA A TOTAL	1 489	0.85	0.15	1 074	254	820	39	31 898	
OTHER	195			132	63	69		2 688	
TOTAL-SUNCHILD	1 684			1 206	317	889		34 586	
SUNDANCE 054-21W5									
VIKING A	2 760	0.90	0.05	2 360	1 982	378	40	15 014	2 554
CADM 22-054-21	438	0.85	0.10	335		335	39	13 005	150
OTHER	812			543	144	399		15 908	
TOTAL-SUNDANCE	4 010			3 238	2 126	1 112		43 927	
SUNNYNOOK 026-11W4									
UPPER MANNVILLE B	566	0.75	0.05	404	12	392	30	11 752	1 271
BASAL MANNVILLE I	558	0.85	0.05	450	100	350	38	13 143	300
BASAL MANNVILLE J	545	0.90	0.05	466	179	287	38	10 806	903
BASAL MANNVILLE V	607	0.85	0.05	490	165	325	37	12 126	988
OTHER	3 733			2 663	534	2 129		79 540	
TOTAL-SUNNYNOOK	6 009			4 473	990	3 483		127 367	
SUNSET 069-19W5									
TOTAL-SUNSET	227			157	14	143		5 572	
SUPERBA 026-04W4									
TOTAL-SUPERBA	605			404	101	303		11 177	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
17.85	0.044	0.80	26 710	86	0.902	0.78	2 518.8	1953	1987	A&S GPP
4.99	0.154	0.55	3 140	16	0.937	0.56	355.3	1910	1983	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.70	0.170	0.55	4 310	17	0.916	0.56	435.2	1904	1982	PART OF MED HAT POOL NO.1
0.77	0.139	0.60	4 450	19	0.916	0.56	407.7	1973	1987	PART OF MED HAT POOL NO.3
1.12	0.139	0.60	4 450	19	0.916	0.56	435.4	1973	1987	PART OF MED HAT POOL NO.4
1.34	0.216	0.60	5 690	27	0.904	0.56	623.5	1944	1987	PART OF 2WS POOL NO.1
								1904	1986	A&S TCPL CWNGNUL PANALTA
2.33	0.263	0.60	7 550	27	0.873	0.59	814.3	1970	1983	TCPL PANALTA
1.84	0.234	0.70	6 890	27	0.884	0.58	707.5	1955	1978	TCPL PART OF BOW ISL POOL NO.1
3.70	0.229	0.75	10 520	33	0.850	0.60	981.4	1974	1988	PANALTA MATERIAL BALANCE
6.05	0.259	0.75	10 260	35	0.837	0.59	952.3	1977	1990	NONCOMMERCIAL OIL
1.41	0.249	0.55	3 040	18	0.939	0.57	323.7	1949	1990	KANNGAZ MIPL CWNGNUL ATCOR CNWE DIRECT NCO PANALTA PART OF VIK POOL NO.6
3.90	0.292	0.70	2 550	13	0.945	0.57	320.0	1973	1990	MIPL DIRECT PANALTA PRODUCTION DECLINE
3.98	0.303	0.80	2 420	16	0.953	0.57	374.5	1978	1990	PANALTA
2.12	0.316	0.60	2 540	19	0.951	0.57	338.7	1971	1985	
3.96	0.300	0.75	2 590	18	0.948	0.56	320.5	1977	1983	
								1971	1983	MIPL KANNGAZ PANALTA PROGAS TCPL
2.09	0.301	0.75	3 340	23	0.938	0.56	450.1	1974	1986	MIPL KANNGAZ PANALTA PRODUCTION DECLINE
4.96	0.339	0.55	3 100	16	0.938	0.56	437.6	1967	1987	
2.49	0.270	0.50	3 050	16	0.939	0.56	420.9	1976	1987	
								1967	1987	TCPL
2.44	0.080	0.85	26 100	104	0.926	0.73	2 899.0	1969	1987	
2.92	0.086	0.80	24 210	108	0.940	0.65	2 931.1	1969	1987	
1.95	0.125	0.85	26 100	113	0.958	0.65	2 922.4	1969	1977	
								1969	1987	TCPL
4.52	0.145	0.80	30 430	96	0.961	0.66	2 727.3	1971	1986	UNIGAS UNOCAL ESSO AEC PANALTA MATERIAL BALANCE
12.50	0.140	0.75	29 210	110	0.974	0.65	3 055.5	1988	1990	
4.02	0.219	0.55	8 700	32	0.882	0.68	1 015.5	1985	1990	KANNGAZ OPINAC
8.40	0.283	0.80	9 650	48	0.874	0.58	1 040.6	1985	1987	UNIGAS NONCOMMERCIAL OIL
3.29	0.262	0.65	9 960	35	0.853	0.57	1 040.2	1985	1990	OPINAC
3.35	0.249	0.65	10 100	29	0.840	0.58	996.1	1980	1988	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SURRETTE (SA) 097-15W5									
TOTAL-SURRETTE	524			312		312		11 063	
SUTTON 091-03W6									
GETH 092-03	686	0.80	0.05	522		522	37	19 565	2 162
OTHER	300			186	23	163		5 928	
TOTAL-SUTTON	986			708	23	685		25 493	
SWALWELL 029-24W4									
VIKING A	975	0.80	0.10	702	669	33	39	1 293	4 644
PEKISKO A SOLN	120	0.60	0.10	65^b			40		
PEKISKO A ASSOC	457	0.70	0.10	288^b	298^b	55	40	2 199	1 680
OTHER	1 984			1 095	300	795		30 179	
TOTAL-SWALWELL	3 536			2 150	1 267	883		33 671	
SWAN HILLS 068-10W5									
BEAVERHILL LAKE C SOLN	7 601	0.36	0.60	1 094	442	652	41	26 654	
BEAVERHILL LAKE A ASSOC		0.70	0.35				42		
BEAVERHILL LAKE A SOLN	29 000	0.42	0.35	7 917			42		
BEAVERHILL LAKE A&B TOTAL	29 000	0.40	0.35	7 917	7 285	632	42	26 702	
OTHER	210			125		125		4 803	
TOTAL-SWAN HILLS	36 811			9 136	7 727	1 409		58 159	
SWAN HILLS SOUTH 065-10W5									
BEAVERHILL LAKE A ASSOC		0.65	0.25				44		
BEAVERHILL LAKE A SOLN	15 232	0.64	0.35	6 336^b			44		
BEAVERHILL LAKE A&B TOTAL	15 232	0.65	0.35	6 336^b	5 491^b	845	44	36 884	
OTHER	38			24		24		932	
TOTAL-SWAN HILLS SOUTH	15 270			6 360	5 491	869		37 816	
SWEETGRASS 001-15W4									
TOTAL-SWEETGRASS	62			44	16	28		1 034	
SWIMMING 052-06W4									
TOTAL-SWIMMING	626			430	66	364		13 189	
SYLVAN LAKE 037-03W5									
GLAUCONITIC A		0.85	0.10				40		4 877
LOWER MANNVILLE O		0.85	0.10				40		200
SHUNDA A		0.85	0.10				40		242
GLAUC A,SHUN A&L MN O TOTAL	8 000	0.85	0.10	6 120	5 483	637	40	25 302	
GLAUCONITIC I	8	0.75	0.10	5			41		150
LOWER MANNVILLE X	67	0.75	0.10	45			39		300
LOWER MANNVILLE DD	2 330	0.80	0.12	1 640			40		3 518
BASAL QUARTZ A SOLN	577	0.75	0.40	260			40		
GLC I,L MN X,DD&BQ A TOTAL	2 982	0.80	0.15	1 950	378	1 572	40	62 425	
LOWER MANNVILLE A	1 474	0.85	0.09	1 140	873	267	39	10 498	1 195
LOWER MANNVILLE D	367	0.90	0.06	310	147	163	40	6 481	354
LOWER MANNVILLE H	828	0.85	0.10	634	271	363	39	14 324	581
LOWER MANNVILLE M	462	0.75	0.10	312	30	282	39	11 122	393
OSTRACOD J	47	0.75	0.10	32			40		602
OSTRACOD K	1 120	0.80	0.10	806			40		4 359
OSTRACOD N	380	0.85	0.10	291			40		400
OSTRACOD O	15	0.75	0.10	10			40		128
LOWER MANNVILLE BB	317	0.85	0.10	242			40		612
OST JKNO &LMANN BB TOTAL	1 879	0.80	0.10	1 381	295	1 086	40	43 342	
JURASSIC A SOLN	289	0.65	0.20	150^b			39		
JURASSIC A ASSOC	753	0.90	0.10	610^b	162^b	598	39	23 274	838
JURASSIC HH	1 333	0.90	0.15	1 020	373	647	40	25 628	705
ELKTON-SHUNDA D SOLN	638	0.60	0.20	306^b			44		
ELKTON-SHUNDA D ASSOC	67	0.70	0.20	38^b	275^b	69	44	3 003	128
ELKTON-SHUNDA A	1 615	0.86	0.10	1 250	1 197	53	40	2 125	1 416
ELKTON-SHUNDA B	1 379	0.87	0.10	1 080	884	196	40	7 813	983
SHUNDA B	632	0.90	0.10	512		512	39	20 168	852
PEKISKO B SOLN	917	0.60	0.20	440	373	67	38	2 573	
PEKISKO B ASSOC	607	0.90	0.10	491		491	38	18 859	660
PEKISKO I	461	0.80	0.15	314	69	245	39	9 597	416
PEKISKO N	1 349	0.85	0.05	1 090	972	118	40	4 722	934
D-3 A SOLN	424	0.65	0.45	152^b			39		
D-3 A ASSOC	1 134	0.90	0.11	909^b	298^b	763	39	29 772	765

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
5.73	0.215	0.45	5 640	35	0.910	0.56	771.8	1972	1982	HUSKY PANALTA
1.94	0.148	0.55	8 070	52	0.868	0.65	1 397.8	1963	1990	A&S TCPL PRODUCTION DECLINE
						0.66		1963	1989	A&S TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
6.02	0.068	0.70	10 940	59	0.836	0.66	1 635.8	1963	1989	A&S TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.82		1958	1988	CWNGNUL PANALTA
						0.94	2 641.0	1957	1988	MU - BEAVERHILL LAKE A&B
						0.94		1957	1988	MU - BEAVERHILL LAKE A&B
								1957	1988	A&S CWNGNUL PANALTA
						0.87		1959	1988	MU-BEAVERHILL LK A&B, DRY GAS BKTHROU
						0.87		1959	1988	MU-BEAVERHILL LK A&B, DRY GAS BKTHROU
								1959	1988	CWNGNUL DRY GAS BREAKTHROUGH
7.92	0.128	0.75	16 780	70	0.818	0.71	2 113.5	1953	1985	MATERIAL BALANCE
3.66	0.120	0.75	8 550	64	0.858	0.71	2 119.3	1976	1985	MATERIAL BALANCE
3.19	0.090	0.75	16 780	70	0.818	0.71	2 092.4	1953	1985	MATERIAL BALANCE
								1953	1985	DIRECT A&S TCPL PROGAS
0.50	0.095	0.65	17 130	75	0.828	0.68	2 369.8	1988	1988	
1.65	0.105	0.75	17 150	73	0.826	0.72	2 419.4	1987	1988	
3.18	0.131	0.80	20 340	71	0.846	0.68	2 407.9	1963	1990	
						0.73		1964	1986	
								1963	1989	TCPL DEKALB PANALTA PROGAS
5.29	0.128	0.75	16 900	66	0.818	0.70	2 177.0	1962	1989	A&S TCPL PRODUCTION DECLINE
4.24	0.130	0.70	16 620	63	0.791	0.74	2 119.2	1960	1981	A&S TCPL MATERIAL BALANCE
7.08	0.129	0.90	16 830	64	0.819	0.69	2 113.0	1973	1979	TCPL
5.86	0.152	0.75	16 690	63	0.803	0.72	2 130.8	1970	1989	TCPL DIRECT
0.53	0.107	0.65	21 980	74	0.846	0.71	2 346.5	1969	1989	NONCOMMERCIAL OIL
1.63	0.118	0.70	18 600	70	0.808	0.74	2 355.0	1969	1990	
4.40	0.143	0.80	18 680	65	0.832	0.67	2 386.4	1980	1988	
0.60	0.150	0.70	19 040	72	0.827	0.71	2 332.3	1972	1988	
3.53	0.104	0.70	19 420	66	0.809	0.73	2 420.6	1980	1988	
								1969	1990	UNIGAS ESSO TCPL NORCEN DEKALB A&S ATCOR PANALTA PROGAS
						0.68		1962	1990	A&S TCPL CONCURRENT PRODUCTION
5.39	0.140	0.70	17 230	71	0.837	0.68	2 271.9	1962	1990	A&S TCPL CONCURRENT PRODUCTION
4.90	0.121	0.75	16 920	66	0.801	0.73	2 201.5	1953	1990	PRODUCTION DECLINE
						0.81		1963	1990	A&S TCPL PROGAS CONING GAS CAP
4.30	0.092	0.70	17 440	70	0.764	0.81	2 294.4	1963	1990	A&S TCPL PROGAS CONING GAS CAP
5.97	0.086	0.75	16 910	69	0.809	0.73	2 168.9	1955	1990	A&S TCPL PRODUCTION DECLINE
12.59	0.135	0.75	17 030	71	0.817	0.72	2 146.4	1973	1990	A&S MATERIAL BALANCE
6.43	0.088	0.75	16 890	66	0.811	0.72	2 189.9	1953	1975	A&S TCPL
						0.71		1953	1990	A&S TCPL
5.35	0.117	0.85	16 960	66	0.823	0.71	2 213.0	1953	1990	A&S TCPL
8.73	0.104	0.70	17 790	69	0.849	0.69	2 290.0	1963	1986	A&S TCPL
11.42	0.073	0.70	17 070	71	0.807	0.74	2 189.9	1972	1989	A&S MATERIAL BALANCE
						0.79		1961	1989	TCPL CONCURRENT PRODUCTION
11.54	0.073	0.85	23 920	99	0.883	0.79	2 863.3	1961	1989	TCPL CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
SYLVAN LAKE 037-03W5 (CONTINUED)									
OTHER	11 066			6 871	1 739	5 132		204 635	
TOTAL-SYLVAN LAKE	38 656			27 080	13 819	13 261		525 663	
TABER 009-17W4									
TOTAL-TABER	547			371	49	322		11 605	
TABER NORTH 011-16W4									
TOTAL-TABER NORTH	417			96	30	66		2 432	
TABER SOUTH 007-16W4									
BOW ISLAND A	757	0.90	0.05	647	229	418	35	14 634	7 720
OTHER	232			170	97	73		2 495	
TOTAL-TABER SOUTH	989			817	326	491		17 129	
TANGENT 080-24W5									
TOTAL-TANGENT	3 206			2 092	537	1 555		58 509	
TAR (SA) 099-13W4									
TOTAL-TAR	52			32		32		1 206	
TARA (SA) 076-19W4									
TOTAL-TARA	10			6		6		223	
TATE (SA) 120-03W6									
TOTAL-TATE	76			49		49		1 865	
TAWATINAW 062-22W4									
TOTAL-TAWATINAW	103			42	24	18		675	
TEEPEE 073-03W6									
DOIG A	891	0.70	0.10	562	70	492	39	19 355	1 568
KISK 02-074-04	415	0.85	0.10	318		318	38	12 141	440
WABAMUN C	2 465	0.17	0.15	356	326	30	37	1 104	1 276
OTHER	285			204	136	68		2 630	
TOTAL-TEEPEE	4 056			1 440	532	908		35 230	
TELFORDVILLE (SA) 050-02W5									
TOTAL-TELFORDVILLE	407			281		281		11 018	
TEMPLETON 001-12W4									
TOTAL-TEMPLETON	275			191		191		7 013	
THERIEN 060-09W4									
UPPER MANNVILLE F	656	0.75	0.05	468	103	365	37	13 534	2 101
OTHER	2 071			1 137	260	877		32 302	
TOTAL-THERIEN	2 727			1 605	363	1 242		45 836	
THORHILD 059-21W4									
SECOND WHITE SPECKS A	460	0.85	0.05	371	242	129	36	4 667	10 758
OTHER	1 887			1 225	348	877		32 535	
TOTAL-THORHILD	2 347			1 596	590	1 006		37 202	
THORNBURY 078-13W4									
MCMURRAY G	646	0.70	0.05	429	336	93	37	3 469	1 104
MCMURRAY I	1 053	0.80	0.05	800	388	412	37	15 162	1 224
MCMURRAY M	468	0.75	0.05	333	256	77	37	2 862	613
OTHER	3 572			2 143	742	1 401		51 882	
TOTAL-THORNBURY	5 739			3 705	1 722	1 983		73 375	
THORSBY 049-01W5									
GLAUCONITIC E	1 377	0.80	0.10	992	118	874	41	35 563	951
OTHER	2 935			1 774	356	1 418		56 164	
TOTAL-THORSBY	4 312			2 766	474	2 292		91 727	
THREE HILLS CREEK 035-25W4									
PEKISKO ASSOC	5 434	0.70	0.08	3 500	2 172	1 328	40	52 828	11 141
OTHER	1 751			1 007	180	827		29 995	
TOTAL-THREE HILLS CREEK	7 185			4 507	2 352	2 155		82 823	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.95	0.210	0.65	3 610	24	0.938	0.58	697.1	1958	1989	CWNGNUL OPINAC
3.23	0.129	0.80	14 920	44	0.785	0.66	1 564.7	1972	1982	
2.78	0.250	0.70	18 320	50	0.832	0.63	1 926.1	1973	1973	TCPL
16.50	0.058	0.80	29 300	85	0.953	0.66	2 765.0	1972	1988	TCPL PRODUCTION DECLINE
5.23	0.306	0.65	2 690	21	0.949	0.56	363.3	1976	1983	VECTOR CWNGNUL PANALTA PROGAS
1.06	0.201	0.50	3 820	19	0.927	0.57	481.5	1963	1990	ESSO TCPL PANALTA POCO RENENER
8.08	0.327	0.70	1 910	25	0.965	0.55	469.6	1983	1988	TRITON PRODUCTION DECLINE
9.02	0.334	0.70	1 800	20	0.965	0.56	473.5	1984	1989	TRITON POCO MATERIAL BALANCE
6.17	0.321	0.70	1 750	25	0.968	0.56	461.0	1985	1988	TRITON ATCOR PRODUCTION DECLINE
11.45	0.130	0.75	12 560	64	0.817	0.69	1 468.4	1981	1990	TCPL KANNGAZ POCO
9.85	0.051	0.60	11 840	70	0.828	0.72	1 748.3	1953	1990	EMI TCPL NCO RENENER MATERIAL BALANCE CONCURRENT PRODUCTION, OIL DEPLETED

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
THUNDER 060-06W5									
TOTAL-THUNDER	202			131		131		5 024	
TIELAND 067-04W5									
TOTAL-TIELAND	47			30		30		1 160	
TIMEU 063-03W5									
TOTAL-TIMEU	174			119		119		4 523	
TINDASTOLL 036-01W5									
PEK 22-036-01	448	0.75	0.10	302		302	39	11 823	440
OTHER	343			186	16	170		6 735	
TOTAL-TINDASTOLL	791			488	16	472		18 558	
TODD (SA) 009-02W5									
TOTAL-TODD	79			49		49		1 878	
TOFIELD 050-19W4									
TOTAL-TOFIELD	349			226	31	195		7 180	
TOLSTAD (SA) 069-04W6									
TOTAL-TOLSTAD	318			227		227		8 992	
TOMAHAWK 052-05W5									
TOTAL-TOMAHAWK	617			423	6	417		16 233	
TOMATO 072-23W4									
TOTAL-TOMATO	693			409	176	233		8 798	
TONY CREEK NORTH 064-21W5									
TOTAL-TONY CREEK NORTH	983			662	66	596		23 452	
TOOGA (SA) 116-10W6									
TOTAL-TOOGA	18			8		8		301	
TORRINGTON 032-27W4									
TOTAL-TORRINGTON	18			10		10		373	
TOUCHWOOD (SA) 068-09W4									
TOTAL-TOUCHWOOD	12			8		8		297	
TOWER CREEK (SA) 055-27W5									
GETH 33-055-27	651	0.90	0.05	557		557	37	20 798	150
TOTAL-TOWER CREEK	651			557		557		20 798	
TRACY (SA) 095-12W5									
TOTAL-TRACY	20			10		10		368	
TROCHU 033-21W4									
TOTAL-TROCHU	1 405			872	487	385		14 817	
TUCKER LAKE (SA) 064-05W4									
TOTAL-TUCKER LAKE	2			1		1		37	
TURIN 010-18W4									
TOTAL-TURIN	4 326			2 712	637	2 075		76 688	
TURNER VALLEY 020-03W5									
RUNDLE SOLN	38 429	0.55	0.56	9 300	9 067	233	40	9 420	
RUNDLE ASSOC	42 063	0.90	0.72	10 600	10 510	90	40	3 639	9
RUNDLE C	990	0.80	0.20	634	206	428	39	16 902	200
RUND 32-021-03	438	0.85	0.10	335		335	40	13 460	400
OTHER	1 462			890	331	559		22 282	
TOTAL-TURNER VALLEY	83 382			21 759	20 114	1 645		65 703	
TWEEDIE 069-13W4									
VIKING B	711	0.65	0.05	439	361	78	37	2 870	7 201
GRAND RAPIDS D	1 184	0.70	0.05	788	766	22	37	815	7 054
GLAUCONITIC A		0.85	0.05				37		6 579
GLAUCONITIC D		0.65	0.05				37		2 450
MCMURRAY A		0.85	0.05				37		4 590
GLAUC A,D&MCMURRAY A TOTAL	1 250	0.80	0.05	950	821	129	37	4 776	
GLAUCONITIC B		0.75	0.05				37		8 601

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
8.02	0.097	0.75	16 550	63	0.803	0.72	2 070.8	1970	1983	
15.50	0.120	0.80	48 760	131	1.177	0.57	3 584.8	1985	1990	BER
						0.80		1928	1988	PANALTA MATERIAL BALANCE DEEP CUT SL
9.99	0.090	0.90	9 999	74	6.514	0.80	1 478.7	1928	1988	PANALTA MATERIAL BALANCE DEEP CUT SL
28.90	0.080	0.85	29 270	84	0.926	0.70	3 350.2	1983	1989	A&S TOP/BASE TVD
9.10	0.070	0.75	26 140	84	0.908	0.67	2 997.0	1972	1989	TCPL
1.10	0.242	0.60	2 360	18	0.954	0.56	232.8	1949	1985	TCPL MATERIAL BALANCE
2.28	0.318	0.60	2 220	19	0.955	0.57	281.6	1961	1986	ESSO TCPL PRODUCTION DECLINE
2.55	0.255	0.50	2 480	21	0.952	0.56	440.6	1963	1988	PRODUCTION DECLINE
1.37	0.250	0.50	2 480	19	0.951	0.56	451.6	1976	1988	PRODUCTION DECLINE
2.11	0.268	0.40	2 480	19	0.951	0.57	460.1	1961	1988	PRODUCTION DECLINE
								1961	1988	ESSO TCPL
2.10	0.255	0.50	2 480	21	0.952	0.56	424.0	1961	1985	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10⁶m³	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10⁶m³	5 NET CUMULATIVE PRODUCTION 10⁶m³	6 REMAINING ESTABLISHED RESERVES 10⁶m³	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
TWEEDIE 069-13W4 (CONTINUED)									
MCMURRAY H		0.70	0.05				37		3 649
GLAUC B & MCMURRAY H TOTAL	1 423	0.75	0.05	1 000	702	298	37	11 026	
MCMURRAY B	453	0.75	0.05	323	252	71	37	2 626	1 525
MCMURRAY L	582	0.70	0.05	387	204	183	37	6 751	8 846
GROSMONT A	1 294	0.70	0.05	861	826	35	37	1 292	11 154
OTHER	3 130			1 931	932	999		37 031	
TOTAL-TWEEDIE	10 027			6 679	4 864	1 815		67 187	
TWINING 031-24W4									
VIKING A	559	0.80	0.10	402	218	184	39	7 207	4 404
VIKING I	653	0.70	0.10	411	98	313	40	12 401	4 051
LOWER MANNVILLE A ASSOC	418	0.75	0.10	283[b]			40		1 714
RUNDLE A ASSOC	8 000	0.75	0.10	5 400[b]			40		26 342
RUNDLE A SOLN	7 227	0.70	0.15	4 300[b]			40		
L MANN A & RUNDLE A TOTAL	15 645	0.75	0.10	9 983[b]	4 515[b]	5 468	40	217 954	
OTHER	6 013			3 370	1 217	2 153		83 755	
TOTAL-TWINING	22 870			14 166	6 048	8 118		321 317	
TWO CREEK (SA) 063-16W5									
TOTAL-TWO CREEK	202			124		124		4 959	
UKALTA 057-17W4									
COLONY F	552	0.80	0.05	420	144	276	38	10 408	2 514
WABAMUN-GRAMINIA A	880	0.75	0.05	627	585	42	37	1 561	2 833
OTHER	3 894			2 402	483	1 919		71 719	
TOTAL-UKALTA	5 326			3 449	1 212	2 237		83 688	
UNWIN 045-02W4									
TOTAL-UNWIN	257			172		172		6 325	
UTIKUMA LAKE 081-09W5									
KEG RIVER SAND A SOLN	1 105	0.70	0.55	348	308	40	36	1 458	
OTHER	975			490	121	369		13 777	
TOTAL-UTIKUMA LAKE	2 080			838	429	409		15 235	
VALHALLA 075-10W6									
DOE CREEK A	3 948	0.80	0.05	3 000			40		24 116
DOE CREEK P	17	0.65	0.05	10			35		200
DOE CREEK A & P TOTAL	3 965	0.80	0.05	3 010	1 329	1 681	40	66 416	
BLUESKY C	1 108	0.85	0.05	895	446	449	39	17 610	1 402
HALFWAY A	1 028	0.75	0.10	694		694	38	26 670	1 934
HALFWAY B ASSOC	5 885	c	c	4 250	165	4 085	40[a]	163 400	5 983
DOIG D SOLN	260	0.65	0.20	135[b]			41		
DOIG D ASSOC	372	0.85	0.20	253[b]	7[b]	381	41	15 575	200
OTHER	9 053			5 601	917	4 684		184 347	
TOTAL-VALHALLA	21 671			14 838	2 864	11 974		474 018	
VALLEYVIEW 070-21W5									
TOTAL-VALLEYVIEW	97			64		64		2 470	
VARDIE (SA) 115-09W6									
TOTAL-VARDIE	19			13		13		490	
VAUXHALL 012-17W4									
TOTAL-VAUXHALL	683			515	241	274		10 087	
VEGA 061-03W5									
TOTAL-VEGA	247			159	6	153		5 881	
VENTRE (SA) 009-04W4									
TOTAL-VENTRE	43			29		29		1 034	
VENUS 101-09W6									
DEBOLT A	531	0.70	0.05	353	171	182	37	6 647	5 060
TOTAL-VENUS	531			353	171	182		6 647	
VERGER 022-15W4									
MILK RIVER A	7 864	0.70	0.05	5 230			36		79 068
MEDICINE HAT A	8 837	0.70	0.03	6 000			36		73 685

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
2.09	0.268	0.40	2 480	19	0.951	0.56	437.6	1961	1985	PRODUCTION DECLINE
								1961	1985	TCPL
1.78	0.218	0.45	2 500	24	0.954	0.56	462.0	1952	1985	ESSO TCPL PRODUCTION DECLINE
1.35	0.260	0.25	2 500	25	0.954	0.56	438.3	1952	1986	TCPL PROGAS MATERIAL BALANCE
7.85	0.110	0.40	2 480	19	0.951	0.57	472.1	1961	1989	ESSO TCPL PRODUCTION DECLINE
1.53	0.160	0.60	8 230	45	0.852	0.65	1 423.5	1965	1990	A&S TCPL
3.08	0.119	0.50	8 290	47	0.838	0.69	1 532.0	1977	1990	A&S TCPL PROGAS
1.65	0.160	0.80	11 260	60	0.832	0.67	1 625.9	1962	1990	CONCURRENT PRODUCTION
7.60	0.058	0.60	11 410	63	0.841	0.66	1 625.5	1952	1988	CONCURRENT PRODUCTION
						0.66		1952	1988	CONCURRENT PRODUCTION
								1952	1990	A&S TCPL CONCURRENT PRODUCTION
2.91	0.281	0.55	4 530	19	0.903	0.60	560.5	1979	1983	TCPL
10.00	0.290	0.40	4 140	27	0.926	0.56	656.2	1968	1985	TCPL PRODUCTION DECLINE
						0.84		1963	1979	VECTOR POCO TCPL
2.41	0.214	0.70	4 260	27	0.899	0.65	697.0	1956	1989	MATERIAL BALANCE
1.20	0.220	0.70	4 520	31	0.924	0.61	681.3	1980	1988	
								1974	1989	A&S CANST CWNGNUL AMOCO ESSO PANALTA PROGAS TCPL
4.16	0.125	0.60	11 640	59	0.851	0.64	1 624.6	1976	1990	EMI ESSO PANALTA MATERIAL BALANCE
4.50	0.085	0.70	21 710	75	0.894	0.61	2 141.5	1973	1988	ESSO PANALTA PROGAS
3.80	0.135	0.85	21 360	73	0.784	0.85	2 024.3	1978	1989	ESSO PCI AMOCO AEC PART OF HALFWAY POOL NO.1 GAS CYCLING
						0.67		1988	1990	AEC GPP, DEEP CUT SL
10.15	0.100	0.85	22 120	71	0.849	0.67	2 014.0	1988	1990	AEC GPP, DEEP CUT SL
3.94	0.141	0.35	5 590	47	0.921	0.59	889.7	1981	1989	A&S
3.93	0.154	0.55	3 140	16	0.937	0.56	409.2	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.78	0.170	0.55	4 310	17	0.916	0.56	499.2	1904	1987	PART OF MED HAT POOL NO.1

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m³	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
VERGER 022-15W4 (CONTINUED)									
MEDICINE HAT C	276	0.50	0.03	134			36		9 851
MEDICINE HAT D	494	0.50	0.03	240			36		15 083
SECOND WHITE SPECKS A	3 635	0.75	0.05	2 590			36		36 159
SE ALTA GAS SYS(MU) TOTAL	21 106	0.70	0.05	14 194	3 943	10 251	36	373 854	
BASAL COLORADO A	576	0.85	0.05	466	416	50	37	1 857	2 866
MANNVILLE D ASSOC	469	0.75	0.05	334	27	307	38	11 589	1 523
OTHER	2 304			1 561	635	926		34 538	
TOTAL-VERGER	24 455			16 555	5 021	11 534		421 838	
VERMILION 050-05W4									
TOTAL-VERMILION	412			300		300		10 576	
VIKING-KINSELLA 047-10W4									
UPPER & MID VIKING A		0.85	0.03				36		195 143
UPPER MANNVILLE YY		0.85	0.03				37		1 667
U&M VIK A & U MANN YY TOTAL	35 172	0.85	0.05	29 000	18 615	10 385	37	380 818	
UPPER MANNVILLE D	608	0.75	0.05	433	336	97	37	3 541	712
UPPER MANNVILLE EE	1 220	0.80	0.05	927	825	102	36	3 677	587
UPPER MANNVILLE MMM	965	0.75	0.05	688	488	200	37	7 390	3 348
COLONY NN	700	0.85	0.05	565	342	223	36	8 059	4 573
COLONY SSS	612	0.70	0.05	407	312	95	36	3 443	150
WAINWRIGHT	683	0.70	0.05	454	420	34	37	1 251	1 710
WABAMUN C	490	0.80	0.05	372	296	76	37	2 813	1 716
D-2 D	1 354	0.70	0.05	901	688	213	37	7 945	2 993
OTHER	14 929			9 306	4 746	4 560		169 234	
TOTAL-VIKING-KINSELLA	56 733			43 053	27 068	15 985		588 171	
VIOLET (SA) 079-02W4									
TOTAL-VIOLET	3			2		2		72	
VIRGINIA HILLS 064-13W5									
BELLOY A SOLN	632	0.40	0.30	177[b]			39		
BELLOY A ASSOC	1 278	0.92	0.15	1 000[b]	995[b]	182	39	7 138	2 303
BEAVERHILL LAKE SOLN	6 709	0.35	0.35	1 526	351	1 175	43	50 713	
OTHER	608			411	14	397		15 433	
TOTAL-VIRGINIA HILLS	9 227			3 114	1 360	1 754		73 284	
VIRGO 115-06W6									
BLUESKY A	483	0.60	0.05	276			38		6 734
BLUESKY A	52	0.50	0.05	25			39		200
BLUESKY A	18	0.50	0.05	9			35		200
BLUESKY A TOTAL	553	0.60	0.05	310	202	108	38	4 130	
OTHER	4 495			2 418	302	2 116		81 536	
TOTAL-VIRGO	5 048			2 728	504	2 224		85 666	
VOYAGER 045-17W5									
TOTAL-VOYAGER	355			242		242		9 538	
VULCAN 016-24W4									
TURNER VALLEY C	1 094	0.60	0.20	526	156	370	38	14 227	1 482
OTHER	684			461	315	146		5 725	
TOTAL-VULCAN	1 778			987	471	516		19 952	
WABASCA (SA) 085-24W4									
TOTAL-WABASCA	14			7		7		258	
WAINWRIGHT 045-06W4									
VIKING	2 126	0.50	0.05	1 010			37		28 583
COLONY G	58	0.75	0.05	42			36		641
COLONY R	89	0.75	0.05	64			35		1 302
COLONY V ASSOC	6	0.70	0.05	4			36		160
COLONY W ASSOC	1	0.75	0.05	1			36		52
VIK & COL G,R,V&EE TOTAL	2 280	0.50	0.05	1 121	536	585	37	21 680	
COLONY	369	0.90	0.05	315	136	179	35	6 340	1 851
SPARKY E	608	0.75	0.05	433	394	39	35	1 351	1 741
OTHER	5 460			2 789	1 019	1 770		62 667	
TOTAL-WAINWRIGHT	8 717			4 658	2 085	2 573		92 038	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
0.71	0.139	0.60	4 450	19	0.916	0.56	481.6	1973	1988	PART OF MED HAT POOL NO.3
0.83	0.139	0.60	4 450	19	0.916	0.56	515.4	1973	1988	PART OF MED HAT POOL NO.4
1.30	0.216	0.60	5 690	27	0.904	0.56	676.1	1944	1988	PART OF 2WS POOL NO.1
								1904	1988	CNG TCPL PANALTA
0.85	0.181	0.55	8 450	30	0.856	0.60	946.6	1959	1986	TCPL PANALTA PRODUCTION DECLINE
2.73	0.164	0.60	10 410	35	0.839	0.60	1 046.4	1970	1981	CNG CONCURRENT PRODUCTION, OIL DEPLETED
1.43	0.202	0.50	5 580	24	0.894	0.60	629.8	1917	1984	PART OF VIK POOL NO.2 MATERIAL BALANCE
1.80	0.340	0.55	5 580	26	0.898	0.58	699.5	1965	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
								1917	1983	ESSO TRITON TCPL CWNGNUL NCO PANALTA
										OPINAC SCEPTRE PART OF VIK POOL NO.2
2.78	0.300	0.60	4 920	27	0.912	0.59	739.4	1973	1986	TCPL CWNGNUL MATERIAL BALANCE
2.81	0.233	0.65	4 610	23	0.914	0.59	724.5	1955	1989	TCPL MATERIAL BALANCE
2.97	0.276	0.60	5 470	23	0.897	0.58	759.7	1949	1983	TCPL
2.19	0.287	0.60	3 980	27	0.930	0.59	592.9	1976	1990	CWNGNUL HUSKY PANALTA
11.58	0.280	0.90	4 250	21	0.920	0.58	593.8	1977	1989	CWNGNUL MATERIAL BALANCE
4.08	0.267	0.65	5 220	23	0.902	0.58	699.6	1955	1986	TCPL CWNGNUL MATERIAL BALANCE
2.97	0.163	0.70	5 220	32	0.913	0.57	813.2	1974	1989	TCPL CWNGNUL PRODUCTION DECLINE
4.45	0.117	0.70	4 670	34	0.923	0.57	738.0	1960	1990	TCPL CWNGNUL PRODUCTION DECLINE
						0.69		1961	1990	A&S CWNGNUL PREVIOUS CONCURRENT PRODUCTION
3.27	0.178	0.75	13 440	77	0.859	0.69	1 884.0	1961	1990	A&S CWNGNUL PREVIOUS CONCURRENT PRODUCTION
						0.88		1957	1989	A&S CWNGNUL DIRECT SCEPTRE DEEP CUT SL
1.61	0.210	0.40	2 650	15	0.938	0.60	217.6	1973	1990	PART OF BLSKY POOL NO.1 PRODUCTION DECLINE
1.50	0.250	0.65	2 600	15	0.935	0.62	224.3	1973	1990	PART OF BLSKY POOL NO.1 PRODUCTION DECLINE
										ASSIGNED WELL 10-15-115-04W6M
5.00	0.270	0.40	1 590	15	0.966	0.64	225.7	1973	1990	PART OF BLSKY POOL NO.1 PRODUCTION DECLINE
										ASSIGNED WELL 12-24-114-05W6M
								1973	1990	PANALTA PART OF BLSKY POOL NO.1
6.37	0.101	0.60	16 820	64	0.830	0.75	1 833.8	1960	1979	TCPL
1.04	0.240	0.55	5 030	21	0.898	0.60	580.5	1942	1989	
1.22	0.289	0.60	4 140	24	0.924	0.59	594.8	1973	1985	
1.52	0.210	0.50	4 140	23	0.926	0.59	590.7	1973	1985	
0.55	0.260	0.60	3 900	22	0.927	0.60	598.8	1975	1979	
0.51	0.200	0.55	4 150	22	0.922	0.60	600.0	1968	1979	
								1942	1989	CWNGNUL HUSKY PANALTA PCI TCPL
3.35	0.250	0.60	3 870	25	0.931	0.59	623.7	1952	1977	HUSKY NCO NONCOMMERCIAL OIL
2.04	0.306	0.70	4 220	22	0.925	0.59	615.5	1956	1989	TCPL HUSKY PANALTA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS 1 INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	MARKETABLE GAS 4 INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
WANYANDIE 060-01W6									
CARD SD 03-060-01	664	0.75	0.10	448		448	39	17 642	200
OTHER	768			529		529		21 181	
TOTAL-WANYANDIE	1 432			977		977		38 823	
WAPITI 067-10W6									
CADOTTE A	737	0.85	0.10	563	476	87	38	3 317	2 112
FALHER C-1	1 067	0.90	0.15	816	746	70	40	2 781	1 276
FALHER C-2	679	0.90	0.15	519	463	56	38	2 109	500
FALHER C-3	763	0.80	0.15	519	496	23	39	890	250
FALHER D-1	3 765	0.85	0.10	2 880	1 584	1 296	38	48 898	10 982
FALHER E-1	1 490	0.90	0.15	1 140	912	228	39	8 976	724
FALHER F-1	4 582	0.95	0.15	3 700	2 786	914	39	35 920	3 219
CADOMIN A	6 303	0.70	0.15	3 750	3	3 747	38	142 798	22 759
CADOMIN B	600	0.75	0.05	428	306	122	36	4 421	150
CADOMIN C	867	0.70	0.15	516		516	38	19 665	3 545
CADOMIN D	868	0.70	0.15	517		517	38	19 703	5 273
CADM 10-066-07	810	0.85	0.20	551		551	41	22 690	150
NIKA 30-066-10	793	0.75	0.10	536		536	37	19 837	200
NIKA 29-067-08	445	0.85	0.05	359		359	36	12 885	200
PM-PN SYS 26-066-07	575	0.75	0.20	345		345	38	12 962	440
BELL 33-067-07	423	0.80	0.10	304		304	39	11 725	200
OTHER	13 240			8 431	936	7 495		291 382	
TOTAL-WAPITI	38 007			25 874	8 708	17 166		660 959	
WAPPAU (SA) 074-11W4									
TOTAL-WAPPAU	22			15		15		558	
WARRENSVILLE (SA) 084-24W5									
TOTAL-WARRENSVILLE	257			176		176		6 702	
WARSPITE 060-18W4									
TOTAL-WARSPITE	753			507	247	260		9 692	
WARWICK 052-14W4									
UPPER MANNVILLE G	747	0.75	0.05	532	453	79	37	2 953	1 655
UPPER MANNVILLE K	996	0.75	0.05	710	642	68	37	2 521	538
UPPER MANNVILLE M	667	0.70	0.05	444	346	98	37	3 618	1 782
UPPER MANNVILLE D	399	0.75	0.05	284			37		1 662
UPPER MANNVILLE NNN	52	0.65	0.05	32			37		924
UPPER MANNVILLE D&NNN TOTAL	451	0.75	0.05	316	267	49	37	1 819	
UPPER MANNVILLE MMM	535	0.70	0.05	356	206	150	37	5 571	365
OTHER	9 641			6 405	3 285	3 120		115 976	
TOTAL-WARWICK	13 037			8 763	5 199	3 564		132 458	
WASKAHIGAN 064-23W5									
DUNVEGAN A SOLN	228	0.60	0.10	123b			40		
DUNVEGAN A ASSOC	403	0.90	0.10	327b	112b	338	40	13 628	744
DUNVEGAN C SOLN	46	0.65	0.10	27b			40		
DUNVEGAN C ASSOC	1 000	0.80	0.10	720b	744b	3	40	120	2 341
DUNVEGAN B	1 699	0.85	0.10	1 300	825	475	40	19 176	2 613
PEACE RIVER B	616	0.80	0.10	444	111	333	40	13 407	400
OTHER	1 517			1 038	35	1 003		39 449	
TOTAL-WASKAHIGAN	5 509			3 979	1 827	2 152		85 780	
WATCH 054-22W5									
TOTAL-WATCH	181			131		131		5 109	
WATELET 047-26W4									
TOTAL-WATELET	680			416	85	331		12 704	
WATERTON 004-01W5									
RUNDLE C	8 726	0.50	0.45	2 400	505	1 895	38	71 214	1 665
RUNDLE K	670	0.80	0.40	322	39	283	39	10 961	200
RUNDLE M	5 379	0.70	0.15	3 200	370	2 830	38	107 965	1 453
RUNDLE D		0.75	0.52				39		2 869

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
10.70	0.200	0.89	19 610	92	0.877	0.68	2 291.1	1980	1980	
5.32	0.057	0.65	19 990	84	0.899	0.61	2 403.3	1980	1988	TCPL PANALTA DEEP CUT SL
3.76	0.098	0.75	20 700	85	0.873	0.67	2 432.6	1978	1990	HOME TCPL PANALTA PROGAS PRODUCTION DECLINE DEEP CUT SL
6.40	0.089	0.65	16 940	78	0.867	0.68	2 250.8	1980	1990	HOME TCPL PANALTA PROGAS PRODUCTION DECLINE DEEP CUT SL
16.60	0.060	0.60	22 750	94	0.911	0.64	2 336.2	1979	1989	HOME TCPL PANALTA PROGAS PRODUCTION DECLINE DEEP CUT SL
3.35	0.080	0.70	21 040	86	0.912	0.60	2 461.5	1979	1990	TCPL PANALTA PROGAS DEEP CUT SL
1.76	0.095	0.80	28 400	98	0.956	0.63	2 360.9	1981	1990	PANALTA PROGAS MATERIAL BALANCE DEEP CUT SL
4.84	0.100	0.70	31 400	87	0.970	0.63	2 502.0	1978	1989	TCPL HOME PANALTA PROGAS PRODUCTION DECLINE DEEP CUT SL
4.08	0.053	0.70	21 170	93	0.899	0.67	2 786.3	1979	1990	DEEP CUT SL
4.60	0.130	0.75	21 770	65	0.901	0.59	2 389.3	1980	1989	TCPL PRODUCTION DECLINE DEEP CUT SL
3.85	0.057	0.65	20 090	97	0.901	0.67	2 897.6	1980	1990	DEEP CUT SL
4.10	0.036	0.65	19 920	95	0.897	0.67	2 809.2	1979	1990	DEEP CUT SL
15.85	0.230	0.80	22 400	111	0.896	0.73	2 822.5	1978	1989	TCPL DEEP CUT SL
19.30	0.110	0.85	25 000	77	0.924	0.60	2 914.0	1980	1984	DEEP CUT SL
11.40	0.110	0.80	24 700	69	0.927	0.58	2 606.1	1981	1984	HOME TCPL PANALTA PROGAS DEEP CUT SL
6.70	0.120	0.75	29 800	125	0.982	0.65	3 191.3	1956	1982	PROGAS BER
16.00	0.135	0.55	22 930	117	0.939	0.68	2 956.3	1980	1981	TCPL BER
1.70	0.271	0.80	4 930	27	0.907	0.58	760.5	1970	1988	TCPL PRODUCTION DECLINE
6.85	0.301	0.75	4 760	30	0.917	0.57	701.6	1970	1985	TCPL MATERIAL BALANCE
2.85	0.238	0.65	4 700	34	0.923	0.58	749.7	1970	1989	TCPL PRODUCTION DECLINE
1.39	0.236	0.50	4 740	30	0.919	0.56	731.1	1970	1986	MATERIAL BALANCE
0.89	0.232	0.55	4 690	24	0.913	0.56	717.2	1980	1984	
								1970	1986	TCPL
2.41	0.240	0.70	4 610	27	0.917	0.57	701.2	1971	1987	TCPL MATERIAL BALANCE
						0.65		1967	1988	A&S CONCURRENT PRODUCTION
4.97	0.165	0.65	10 240	63	0.852	0.65	1 544.1	1967	1988	A&S CONCURRENT PRODUCTION
						0.65		1959	1987	A&S PRODUCTION DECLINE CONCURRENT PRODUCTION
2.80	0.140	0.55	10 240	63	0.853	0.65	1 501.1	1959	1987	A&S PRODUCTION DECLINE CONCURRENT PRODUCTION
2.87	0.135	0.65	10 360	64	0.846	0.67	1 589.9	1961	1988	A&S MATERIAL BALANCE
2.45	0.150	0.70	12 380	64	0.846	0.64	1 810.6	1981	1989	BVI MATERIAL BALANCE
34.85	0.054	0.85	38 590	86	0.933	0.83	3 489.8	1957	1988	A&S DEEP CUT SL
24.40	0.054	0.85	34 270	86	0.908	0.86	3 631.6	1958	1989	A&S
27.84	0.058	0.80	40 410	102	1.069	0.63	4 381.5	1981	1990	A&S MOBIL PROGAS TOP/BASE TVD
28.99	0.043	0.80	34 300	80	0.834	0.95	3 566.7	1957	1988	MATERIAL BALANCE TOP/BASE TVD,DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS 1 INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	MARKETABLE GAS 4 INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
WATERTON 004-01W5 (CONTINUED)									
RUNDLE E		0.75	0.52				39		100
RUNDLE D & E TOTAL	18 056	0.75	0.50	6 500	4 959	1 541	39	59 945	
RUNDLE A	1 400	0.60	0.35	546			39		200
RUNDLE L	112	0.60	0.35	44			39		128
RUNDLE J	8 000	0.60	0.50	2 400			39		1 669
RUNDLE A,L & J TOTAL	9 512	0.60	0.50	2 990	555	2 435	39	95 525	
RUND 15-003-30	1 351	0.90	0.30	851		851	39	33 266	200
RUNDLE-WABAMUN A	79 529	c	c	49 300	42 731	6 569	39[a]	257 833	5 157
WABAMUN B	924	0.85	0.28	565	304	261	37	9 592	386
WAB 31-006-03	896	0.85	0.20	610		610	37	22 698	512
PALL 03-006-03	868	0.65	0.20	451		451	37	16 601	200
WAB 20-006-03	585	0.80	0.20	374		374	37	13 909	200
WAB 09-006-03	647	0.90	0.25	437		437	37	16 068	200
OTHER	596			424	10	414		16 463	
TOTAL-WATERTON	127 739			68 424	49 473	18 951		732 040	
WATTS 031-16W4									
BANFF D SOLN	50	0.65	0.15	28[b]			42		
BANFF D ASSOC	423	0.85	0.15	306[b]	202[b]	132	42	5 555	949
OTHER	2 161			1 338	481	857		33 227	
TOTAL-WATTS	2 634			1 672	683	989		38 782	
WAVY LAKE 043-14W4									
TOTAL-WAVY LAKE	705			470	124	346		12 933	
WAYNE-ROSEDALE 027-19W4									
BELLY RIVER A	554	0.90	0.05	474	411	63	37	2 316	1 785
BELLY RIVER J	35	0.65	0.05	22			37		250
BELLY RIVER K	534	0.60	0.05	304			37		3 512
BELLY RIVER X	7	0.50	0.05	4			37		128
BELLY RIVER J,K & X TOTAL	576	0.60	0.05	330	48	282	37	10 434	
MEDICINE HAT A	1 664	0.70	0.03	1 130			36		25 907
SE ALTA GAS SYS (MU) TOTAL	1 664	0.70	0.05	1 130		1 130	36	41 211	
VIKING A	3 523	0.95	0.05	3 180	3 102	78	39	3 057	26 991
VIKING B	676	0.90	0.05	578	432	146	39	5 655	3 280
BASAL COLORADO A	386	0.85	0.05	312	37	275	38	10 439	512
GLAUCONITIC A	1 155	0.90	0.10	936	860	76	40	3 007	1 625
GLAUCONITIC G	909	0.90	0.10	736	650	86	39	3 388	975
GLAUCONITIC T	2 139	0.80	0.10	1 540	594	946	39	36 875	8 079
OSTRACOD A	639	0.85	0.05	516	378	138	39	5 412	150
BASAL QUARTZ E SOLN	216	0.60	0.10	117[b]			38		
BASAL QUARTZ E ASSOC	404	0.80	0.10	291[b]	70[b]	338	38	12 719	614
BASAL QUARTZ EEE	488	0.70	0.10	308	170	138	40	5 457	615
OTHER	12 104			6 059	2 636	3 423		132 420	
TOTAL-WAYNE-ROSEDALE	25 433			16 507	9 388	7 119		272 390	
WEALD 050-19W5									
TOTAL-WEALD	574			417		417		16 541	
WEASEL 058-19W4									
TOTAL-WEASEL	184			127		127		4 719	
WEASONE (SA) 062-09W5									
TOTAL-WEASONE	100			67		67		2 655	
WEBSTER 074-05W6									
LOWER MANNVILLE A	772	0.80	0.10	556	59	497	40	19 771	2 052
OTHER	844			617	283	334		12 912	
TOTAL-WEBSTER	1 616			1 173	342	831		32 683	
WELLBURN 009-18W4									
TOTAL-WELLBURN	49			27	27				
WEMBLEY 073-08W6									
HALFWAY B SOLN	4 209	0.65	0.30	1 915		1 915	40[a]	76 600	
HALFWAY B ASSOC	6 093	c	c	4 400	136	4 264	40[a]	170 560	6 275

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
37.50	0.050	0.80	34 300	80	0.834	0.95	3 277.4	1960	1988	MATERIAL BALANCE DEEP CUT SL
								1957	1988	A&S SHELL DEEP CUT SL
21.60	0.052	0.80	29 765	75	0.858	0.85	2 956.6	1960	1989	MATERIAL BALANCE TOP/BASE TVD, DEEP CUT SL
5.40	0.070	0.80	31 890	80	0.889	0.85	3 063.6	1970	1989	TOP/BASE TVD, DEEP CUT SL
29.48	0.059	0.85	32 560	80	0.809	0.94	3 226.9	1970	1990	TOP/BASE TVD, DEEP CUT SL
								1960	1990	A&S DEEP CUT SL
52.70	0.050	0.90	34 200	96	0.925	0.90	3 196.7	1987	1990	A&S TOP/BASE TVD
43.19	0.050	0.80	32 960	69	0.879	0.97	3 029.5	1959	1988	A&S SHELL GAS CYCLING, TOP/BASE TVD
19.30	0.053	0.80	40 800	101	1.058	0.65	4 191.2	1958	1982	A&S PROGAS MATERIAL BALANCE
17.89	0.053	0.80	27 720	96	0.926	0.67	3 710.8	1964	1987	A&S NCO PROGAS
38.30	0.050	0.80	35 210	83	0.993	0.65	3 438.5	1981	1983	A&S PROGAS
27.00	0.050	0.80	36 090	105	1.002	0.67	3 662.5	1979	1989	A&S NCO OPINAC PROGAS
24.90	0.050	0.90	36 460	90	0.989	0.68	3 395.4	1988	1989	A&S PROGAS
						0.81		1984	1989	POCO CONCURRENT PRODUCTION
3.63	0.126	0.80	9 300	37	0.700	0.81	1 203.9	1984	1989	POCO CONCURRENT PRODUCTION
2.96	0.192	0.50	6 130	22	0.890	0.56	645.8	1960	1988	TCPL CWNGNUL MATERIAL BALANCE
4.00	0.260	0.45	2 900	18	0.943	0.56	505.0	1978	1988	
3.42	0.237	0.60	3 080	24	0.944	0.56	701.4	1977	1990	
1.30	0.240	0.60	2 850	23	0.947	0.56	649.7	1981	1984	
								1977	1990	TCPL
1.36	0.170	0.55	4 310	17	0.916	0.56	816.5	1904	1987	PART OF MED HAT POOL NO.1
								1904	1983	POCO SOQUIP TCPL
2.07	0.177	0.60	8 070	38	0.847	0.64	1 191.7	1953	1990	SOQUIP DIRECT TCPL CWNGNUL PANALTA MATERIAL BALANCE
2.87	0.164	0.55	8 070	38	0.849	0.64	1 211.0	1954	1982	TCPL MATERIAL BALANCE
7.15	0.185	0.60	8 730	35	0.849	0.61	1 154.3	1974	1978	POCO TCPL
4.75	0.200	0.70	10 070	42	0.797	0.69	1 330.1	1953	1990	TCPL MATERIAL BALANCE
4.42	0.180	0.75	11 110	41	0.794	0.68	1 332.4	1957	1989	TCPL PRODUCTION DECLINE
2.49	0.167	0.60	9 670	40	0.828	0.64	1 311.5	1966	1987	TCPL PART OF GLAUC POOL NO.4
2.74	0.200	0.65	10 100	46	0.818	0.67	1 339.8	1962	1989	TCPL PRODUCTION DECLINE
						0.70		1959	1990	TCPL CONCURRENT PRODUCTION
5.64	0.151	0.65	10 340	38	0.796	0.70	1 341.5	1959	1990	TCPL CONCURRENT PRODUCTION
6.80	0.178	0.60	9 810	42	0.811	0.67	1 230.8	1966	1982	POCO TCPL
3.38	0.141	0.55	14 690	75	0.836	0.70	1 665.1	1973	1977	TCPL CWNGNUL
						0.85		1978	1990	ESSO PCI AMOCO AEC PANALTA PROGAS PART OF HALFWAY POOL NO.1 GAS CYCLING SCHEME, DEEP CUT SL
4.82	0.120	0.80	21 360	73	0.784	0.85	2 037.5	1978	1990	ESSO PCI AMOCO AEC PANALTA PROGAS PART OF HALFWAY POOL NO.1 GAS CYCLING SCHEME, DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE (10^6m^3)	2 RAW GAS: POOL RECOVERY (frac)	3 RAW GAS: SURFACE LOSS (frac)	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES (10^6m^3)	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION (10^6m^3)	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES (10^6m^3)	7 MARKETABLE GAS: GROSS HEAT VALUE (MJ/m^3)	8 MARKETABLE GAS: REMAINING ENERGY CONTENT (TJ)	9 AREA (ha)
WEMBLEY 073-08W6 (CONTINUED)									
DOIG E SOLN	456	0.65	0.25	222[b]			41		
DOIG E ASSOC	1 691	0.80	0.15	1 150[b]	227[b]	1 145	41	47 380	1 558
OTHER	1 909			1 269	89	1 180		44 027	
TOTAL-WEMBLEY	14 358			8 956	452	8 504		338 567	
WEST COVE 055-06W5									
NORD-BNFF 20-055 ASSOC	441	0.85	0.10	338		338	40	13 557	200
OTHER	528			341		341		13 479	
TOTAL-WEST COVE	969			679		679		27 036	
WEST DRUMHELLER 029-21W4									
TOTAL-WEST DRUMHELLER	1 240			293	163	130		5 045	
WESTEROSE 046-28W4									
UPPER MANNVILLE B	3 236	0.80	0.10	2 330	1 077	1 253	40	49 732	4 352
D-3 SOLN	5 146	0.71	0.15	3 106[b]			42[a]		
D-3 ASSOC	3 669	c	c	3 060[b]	3 123[b]	3 043	42[a]	126 954	466
OTHER	2 664			1 767	141	1 626		63 633	
TOTAL-WESTEROSE	14 715			10 263	4 341	5 922		240 319	
WESTEROSE SOUTH 044-01W5									
GLAUCONITIC A	23 810	0.70	0.10	15 000			40		24 624
BASAL QUARTZ F	55	0.70	0.10	35			39		150
GLAUC A & BSL QTZ F TOTAL	23 865	0.70	0.10	15 035	5 897	9 138	40	360 951	
D-3 A	52 407	0.88	0.15	39 200	38 938	262	41	10 616	4 770
OTHER	2 969			1 958	120	1 838		71 633	
TOTAL-WESTEROSE SOUTH	79 241			56 193	44 955	11 238		443 200	
WESTLOCK 059-26W4									
VIKING U	406	0.85	0.04	331	49	282	38	10 753	5 538
VIKING		0.87	0.04				38		34 319
VIKING B		0.87	0.04				38		10 921
VIKING I		0.87	0.04				38		4 811
VIKING J		0.87	0.04				38		400
VIKING K		0.87	0.04				38		2 485
VIKING L		0.87	0.04				38		1 893
VIKING M		0.87	0.04				38		916
VIKING N		0.87	0.04				38		5 685
VIKING P		0.87	0.04				38		1 461
VIKING Q		0.87	0.04				38		200
VIK,VIK BIJKLMNP & Q TOTAL	13 170	0.85	0.05	11 000	10 286	714	38	27 239	
MIDDLE VIKING B	373	0.90	0.04	323	280	43	38	1 643	1 233
LOWER MANNVILLE B	1 151	0.75	0.10	777	343	434	39	16 991	2 109
OTHER	2 816			1 918	393	1 525		57 670	
TOTAL-WESTLOCK	17 916			14 349	11 351	2 998		114 296	
WESTPEM 049-13W5									
ELRS 26-049-13	694	0.50	0.10	312		312	39	12 283	128
BLUE 14-049-13	447	0.80	0.15	304		304	42	12 792	200
NISKU E	1 160	c	c	709	-116	825	45[a]	36 927	87
OTHER	2 582			1 238	-804	2 042		83 486	
TOTAL-WESTPEM	4 883			2 563	-920	3 483		145 488	
WETASKIWIN 045-24W4									
TOTAL-WETASKIWIN	344			230		230		8 741	
WHISKEY 022-05W5									
RUNDLE A	2 651	0.40	0.15	901	83	818	41	33 374	440
PALL 04-022-05	2 123	0.50	0.65	372		372	38	14 062	200
OTHER	70			42		42		1 693	
TOTAL-WHISKEY	4 844			1 315	83	1 232		49 129	
WHITECOURT 060-11W5									
CADOMIN A		0.80	0.10				40		200
JURASSIC E		0.80	0.10				40		1 847

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.71		1980	1989	PANALTA PROGAS CONCURRENT PRODUCTION, DEEP CUT SL
8.11	0.080	0.80	21 550	75	0.842	0.71	2 116.4	1980	1989	PANALTA PROGAS CONCURRENT PRODUCTION, DEEP CUT SL
13.63	0.181	0.65	12 250	47	0.791	0.67	1 499.7	1984	1988	RENENER
7.25	0.127	0.60	11 760	46	0.779	0.71	1 686.7	1978	1990	A&S TCPL BVI SOQUIP PSR KANNGAZ ATCOR PROGAS
						0.80		1952	1990	TCPL GAS CYCLING, CONCURRENT PRODUCTION
64.36	0.088	0.90	17 470	81	0.826	0.80	2 128.3	1952	1990	TCPL GAS CYCLING, CONCURRENT PRODUCTION
9.02	0.119	0.55	16 600	73	0.833	0.70	1 839.6	1977	1990	
2.40	0.130	0.75	15 750	70	0.834	0.68	1 822.9	1987	1987	
								1977	1990	GULF SOQUIP A&S TCPL KANNGAZ ATCOR OPINAC PROGAS
75.90	0.085	0.90	18 960	83	0.814	0.81	2 325.8	1954	1990	A&S TCPL MATERIAL BALANCE PREVIOUS GAS CYCLING
0.98	0.209	0.60	5 820	37	0.894	0.62	793.2	1959	1988	ESSO TCPL NORCEN
2.15	0.199	0.55	5 820	37	0.897	0.60	774.0	1949	1990	MATERIAL BALANCE
0.85	0.212	0.60	5 820	37	0.897	0.61	723.5	1972	1990	MATERIAL BALANCE
1.50	0.202	0.65	5 820	37	0.897	0.60	759.5	1953	1990	MATERIAL BALANCE
1.25	0.206	0.60	5 820	37	0.897	0.60	767.2	1955	1990	MATERIAL BALANCE
0.95	0.188	0.60	5 820	37	0.897	0.60	749.6	1949	1990	MATERIAL BALANCE
0.62	0.130	0.50	5 820	37	0.897	0.60	783.8	1954	1990	MATERIAL BALANCE
0.77	0.190	0.60	5 820	37	0.897	0.60	731.8	1961	1990	MATERIAL BALANCE
0.79	0.166	0.55	5 820	37	0.897	0.60	790.5	1953	1990	MATERIAL BALANCE
1.32	0.190	0.65	5 820	37	0.897	0.61	734.2	1959	1990	MATERIAL BALANCE
1.20	0.192	0.65	5 820	37	0.897	0.61	718.7	1961	1990	MATERIAL BALANCE
								1949	1990	ESSO TCPL CWNGNUL CHEL HUSKY NORCEN NCO PANALTA RENENER
3.09	0.200	0.60	5 820	37	0.897	0.61	783.0	1947	1988	CWNGNUL NORCEN PART OF VIK POOL NO.1 PRODUCTION DECLINE
4.76	0.206	0.80	6 670	36	0.882	0.61	949.8	1951	1989	ESSO TCPL CWNGNUL HUSKY CONTIN
27.40	0.150	0.80	19 380	104	0.887	0.70	2 479.7	1986	1987	NCO
10.47	0.090	0.80	39 720	91	1.047	0.78	3 099.6	1980	1989	TOP/BASE TVD
39.30	0.106	0.90	39 720	106	1.083	1.10	3 142.4	1978	1982	A&S PROGAS BLOWDOWN - PREVIOUS GAS CYCLING
41.50	0.076	0.75	26 300	77	0.839	0.86	3 522.9	1968	1989	TCPL TOP/BASE TVD
46.25	0.077	0.85	32 090	85	0.727	0.98	3 803.6	1980	1988	TCPL
10.67	0.168	0.50	12 830	66	0.855	0.65	1 507.9	1963	1987	MATERIAL BALANCE
5.25	0.165	0.50	12 830	66	0.855	0.65	1 546.3	1963	1987	MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10⁶m³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10⁶m³	NET CUMULATIVE PRODUCTION 10⁶m³	REMAINING ESTABLISHED RESERVES 10⁶m³	GROSS HEAT VALUE MJ/m³	REMAINING ENERGY CONTENT TJ	AREA ha
WHITECOURT 060-11W5 (CONTINUED)									
CADOMIN A&JURASSIC E TOTAL	2 195	0.80	0.10	1 580	1 331	249	40	9 860	
JURASSIC C	4 444	0.75	0.10	3 000	1 564	1 436	39	55 990	1 002
JURASSIC D	2 888	0.50	0.10	1 300	524	776	39	30 489	2 474
PEKISKO E	4 741	0.75	0.10	3 200	1 418	1 782	39	69 801	5 027
OTHER	1 495			1 022	208	814		31 593	
TOTAL-WHITECOURT	15 763			10 102	5 045	5 057		197 733	
WHITEHORSE 049-15W5									
NIS 20-050-15	502	0.80	0.15	342		342	37	12 808	128
OTHER	1 363			911	32	879		34 981	
TOTAL-WHITEHORSE	1 865			1 253	32	1 221		47 789	
WHITELAW 082-02W6									
SPIRIT RIVER F	256	0.80	0.05	195			38		1 240
SPIRIT RIVER G	127	0.65	0.05	79			37		990
SPIRIT RIVER H	92	0.65	0.10	54			37		926
SPIRIT RIVER FG & H TOTAL	475	0.75	0.05	328	207	121	37	4 536	
BLUESKY A	361	0.75	0.05	257			38		2 025
GETHING A	391	0.85	0.10	299			40		2 167
BLSKY A & GETH A TOTAL	752	0.80	0.10	556	140	416	39	16 120	
GETHING B	553	0.80	0.05	420	304	116	38	4 371	1 747
OTHER	1 003			663	95	568		21 509	
TOTAL-WHITELAW	2 783			1 967	746	1 221		46 536	
WHITEMUD 051-25W4									
TOTAL-WHITEMUD	280			184	28	156		6 013	
WHITFORD 058-16W4									
VIKING A	1 067	0.40	0.05	406	48	358	37	13 232	17 559
OTHER	2 053			1 310	371	939		34 987	
TOTAL-WHITFORD	3 120			1 716	419	1 297		48 219	
WIDEWATER 073-08W5									
TOTAL-WIDEWATER	225			157		157		5 767	
WILD HORSE CREEK 031-10W5									
RUNDLE A	2 084	0.45	0.20	750	713	37	38	1 396	668
TOTAL-WILD HORSE CREEK	2 084			750	713	37		1 396	
WILD RIVER 056-24W5									
WABAMUN A	648	0.85	0.15	468		468	38	17 742	64
NISKU A	926	0.90	0.10	750		750	39	29 228	200
LED 16-056-23	833	0.80	0.05	633		633	37	23 237	200
OTHER	1 394			983		983		38 655	
TOTAL-WILD RIVER	3 801			2 834		2 834		108 862	
WILDCAT HILLS 027-06W5									
RUNDLE A	29 411	0.88	0.15	22 000	16 756	5 244	39	201 946	4 062
TOTAL-WILDCAT HILLS	29 411			22 000	16 756	5 244		201 946	
WILDMERE 048-05W4									
TOTAL-WILDMERE	6 395			4 239	1 337	2 902		104 146	
WILDUNN CREEK 029-14W4									
VIKING B	508	0.70	0.05	338	140	198	38	7 585	2 792
OTHER	353			212	117	95		3 497	
TOTAL-WILDUNN CREEK	861			550	257	293		11 082	
WILDWOOD 054-09W5									
TOTAL-WILDWOOD	516			351		351		13 820	
WILKINS 042-08W4									
TOTAL-WILKINS	154			103		103		3 742	
WILLESDEN GREEN 042-07W5									
BELLY RIVER J SOLN	12	0.60	0.40	4[b]			39		
BELLY RIVER J ASSOC	543	0.65	0.10	318[b]	168[b]	154	39	6 080	591

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
								1962	1987	TCPL
3.04	0.162	0.65	12 700	63	0.860	0.63	1 539.5	1968	1985	A&S TCPL NCO MATERIAL BALANCE
8.61	0.172	0.65	12 170	64	0.847	0.68	1 580.8	1965	1989	DEVNIC TCPL PROGAS
9.84	0.118	0.65	12 780	66	0.858	0.65	1 534.9	1963	1989	TCPL PANALTA PROGAS
21.45	0.089	0.95	29 140	117	0.982	0.63	3 276.5	1981	1987	TCPL PROGAS BER
2.50	0.249	0.50	6 410	33	0.897	0.56	717.9	1977	1990	DEEP CUT SL
2.13	0.229	0.50	5 140	30	0.914	0.56	619.2	1977	1990	DEEP CUT SL
1.30	0.241	0.50	6 100	33	0.894	0.59	685.1	1977	1990	DEEP CUT SL
								1977	1990	TCPL PANALTA DEEP CUT SL
1.93	0.182	0.60	7 860	30	0.872	0.56	846.1	1950	1985	
1.83	0.193	0.65	7 440	40	0.861	0.62	870.7	1951	1985	
								1950	1985	TCPL CWNGNUL PANALTA
3.26	0.187	0.65	7 540	33	0.877	0.57	877.7	1959	1985	TCPL CWNGNUL PANALTA
1.06	0.253	0.50	4 240	18	0.914	0.58	462.2	1949	1989	ESSO TCPL CWNGNUL HUSKY NCO PANALTA RENENER PART OF VIK POOL NO.6
26.69	0.077	0.85	21 720	62	0.858	0.66	2 164.5	1960	1984	A&S TCPL MATERIAL BALANCE TOP/BASE TVD
127.10	0.036	0.80	42 540	127	1.093	0.64	3 611.0	1968	1983	HUSKY
24.40	0.060	0.85	73 580	110	1.468	0.67	3 972.5	1972	1989	HUSKY
27.00	0.070	0.80	40 600	110	1.094	0.56	4 167.1	1980	1982	A&S
43.30	0.075	0.85	26 960	84	0.921	0.69	2 948.8	1958	1984	A&S TCPL CWNGNUL MATERIAL BALANCE TOP/BASE TVD
2.01	0.180	0.60	7 790	33	0.864	0.59	948.0	1953	1990	TCPL
						0.68		1955	1989	PANALTA PRODUCTION DECLINE CONCURRENT PRODUCTION
3.36	0.141	0.75	9 130	41	0.813	0.68	1 536.1	1955	1989	PANALTA PRODUCTION DECLINE CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS INITIAL VOLUME IN PLACE 10^6m^3	2 POOL RECOVERY frac	3 SURFACE LOSS frac	4 MARKETABLE GAS INITIAL ESTABLISHED RESERVES 10^6m^3	5 NET CUMULATIVE PRODUCTION 10^6m^3	6 REMAINING ESTABLISHED RESERVES 10^6m^3	7 GROSS HEAT VALUE MJ/m^3	8 REMAINING ENERGY CONTENT TJ	9 AREA ha
WILLESDEN GREEN 042-07W5 (CONTINUED)									
CARDIUM A ASSOC	963	0.90	0.15	737[b]			41		3 934
CARDIUM A SOLN	21 701	0.37	0.54	3 693[b]			41		
CARDIUM A ASSOC	998	0.85	0.10	763[b]			40		4 697
CARDIUM A TOTAL	23 662	0.40	0.45	5 193[b]	3 321[b]	1 872	41	76 752	
VIKING A SOLN	1 093	0.65	0.15	604[b]			41		
VIKING A ASSOC	272	0.70	0.15	162[b]	664[b]	102	41	4 208	467
GLAUCONITIC C	8 413	0.70	0.10	5 300			40		8 772
ELLERSLIE G	2 033	0.50	0.15	864			41		2 217
GLAUC C & ELRSL G TOTAL	10 446	0.65	0.10	6 164	979	5 185	40	209 941	
OTHER	11 473			6 936	912	6 024		243 927	
TOTAL-WILLESDEN GREEN	47 501			19 381	6 044	13 337		540 908	
WILLINGDON 055-15W4									
TOTAL-WILLINGDON	5 521			3 554	2 084	1 470		55 171	
WILLOW 028-17W4									
TOTAL-WILLOW	446			303	133	170		6 514	
WILSON CREEK 043-04W5									
BELLY RIVER A ASSOC	203	0.60	0.10	110[b]			39		1 248
BELLY RIVER A SOLN	897	0.65	0.20	466[b]			39		
BELLY RIVER A ASSOC	8	0.60	0.10	5[b]			39		107
BELLY RIVER A TOTAL	1 108	0.65	0.20	581[b]	92[b]	489	39	19 071	
GLAUCONITIC B	435	0.80	0.10	313	35	278	40	11 070	723
PEKISKO A	1 619	0.85	0.15	1 170	542	628	40	25 264	2 063
PEKISKO B	3 161	0.80	0.15	2 150	81	2 069	41	85 243	5 193
BANFF C	665	0.85	0.15	480	355	125	41	5 103	1 208
OTHER	4 137			1 583	630	953		37 865	
TOTAL-WILSON CREEK	11 125			6 277	1 735	4 542		183 616	
WIMBORNE 034-26W4									
D-2 B ASSOC	718	0.85	0.40	366		366	41	14 849	1 085
D-3 A SOLN	2 678	0.27	0.30	506[b]			35		
D-3 A ASSOC	11 765	0.85	0.25	7 500[b]	5 349[b]	2 657	35	92 198	6 093
OTHER	1 695			961	333	628		23 847	
TOTAL-WIMBORNE	16 856			9 333	5 682	3 651		130 894	
WINAGAMI 077-18W5									
TOTAL-WINAGAMI	169			114		114		4 348	
WINCHELL COULEE 029-06W5									
TOTAL-WINCHELL COULEE	111			74		74		2 931	
WINDFALL 060-15W5									
VIKING A	481	0.80	0.10	346	6	340	39	13 206	3 242
RUNDLE C	462	0.85	0.10	354	176	178	37	6 524	3 411
D-3 A SOLN	4 502	0.22	0.35	644[b]			42[a]		
D-3 A ASSOC	21 288	c	c	7 560[b]	6 284[b]	1 920	42[a]	81 446	4 738
OTHER	6 811			3 195	964	2 231		84 719	
TOTAL-WINDFALL	33 544			12 099	7 430	4 669		185 895	
WINDY 049-04W4									
TOTAL-WINDY	215			137	11	126		4 358	
WINTERING HILLS 025-17W4									
MILK RIVER A	1 940	0.70	0.05	1 290			36		22 242
MEDICINE HAT A	5 861	0.70	0.03	3 980			36		55 909
SE ALTA GAS SYS(MU) TOTAL	7 801	0.70	0.05	5 270	224	5 046	36	184 028	
UPPER MANNVILLE K	417	0.90	0.20	300	20	280	43	12 090	1 590
ELLERSLIE A ASSOC	2 014	0.80	0.05	1 530	159	1 371	39	53 442	3 896
OTHER	4 327			2 825	1 123	1 702		64 894	
TOTAL-WINTERING HILLS	14 559			9 925	1 526	8 399		314 454	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
1.88	0.119	0.50	20 170	58	0.792	0.72	1 787.9	1954	1990	
						0.72		1954	1990	
2.94	0.095	0.35	19 830	58	0.784	0.74	1 831.8	1954	1987	CONCURRENT PRODUCTION
								1954	1990	ESSO DIRECT DEKALB A&S TCPL PSR ATCOR PROGAS CONCURRENT PRODUCTION
						0.76		1956	1988	POCO KANNGAZ DEKALB A&S TCPL UNIGAS CONCURRENT PRODUCTION
3.32	0.132	0.70	17 170	63	0.765	0.76	2 317.8	1956	1988	POCO KANNGAZ DEKALB A&S TCPL UNIGAS CONCURRENT PRODUCTION
5.92	0.110	0.65	25 500	85	0.894	0.70	2 361.1	1978	1989	
4.58	0.109	0.80	24 610	79	0.866	0.75	2 336.5	1964	1987	
								1964	1988	SOQUIP AMOCO POCO NORCEN ICG DEKALB A&S DIRECT OPINAC PROGAS
2.82	0.147	0.55	5 900	40	0.877	0.68	1 273.6	1979	1990	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.68		1979	1990	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.65	0.120	0.65	5 900	40	0.886	0.64	1 261.7	1979	1990	ASSIGNED WELL 16-17-043-04W5M
								1979	1990	A&S KANNGAZ NCO POCO TCPL CONCURRENT PRODUCTION
2.92	0.133	0.80	17 950	57	0.798	0.69	2 085.6	1967	1990	NORCEN A&S
8.99	0.065	0.75	19 270	87	0.850	0.76	2 137.0	1960	1989	A&S DIRECT KANNGAZ POCO
7.30	0.060	0.80	18 600	84	0.853	0.71	2 152.2	1966	1990	VECTOR NRTHRGE NORCEN A&S TCPL NCO PROGAS
3.96	0.090	0.75	18 890	57	0.791	0.73	2 123.4	1979	1989	TCPL
7.81	0.053	0.70	20 370	79	0.721	0.88	2 229.8	1956	1989	TCPL
						0.82		1954	1987	TCPL HUSKY CONCURRENT PRODUCTION
13.63	0.079	0.90	20 750	80	0.839	0.82	2 279.0	1954	1987	TCPL HUSKY CONCURRENT PRODUCTION
1.71	0.080	0.80	10 820	48	0.832	0.64	1 561.2	1955	1978	PROGAS
1.70	0.070	0.75	16 720	79	0.891	0.63	1 908.8	1956	1978	PROGAS
						0.85		1955	1987	A&S BLOWDOWN - PREVIOUS GAS CYCLING
32.92	0.063	0.85	26 100	104	0.856	0.85	2 579.8	1955	1987	A&S BLOWDOWN - PREVIOUS GAS CYCLING
3.45	0.154	0.55	3 140	16	0.937	0.56	479.0	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.43	0.170	0.55	4 310	17	0.916	0.56	608.9	1904	1987	PART OF MED HAT POOL NO.1
								1904	1983	TCPL PANALTA PROGAS
1.24	0.229	0.65	9 810	33	0.642	0.83	1 169.5	1979	1982	TCPL PROGAS
4.85	0.178	0.55	9 690	38	0.814	0.66	1 165.2	1963	1988	TCPL PART OF ELRSL POOL NO.1 CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 RAW GAS: INITIAL VOLUME IN PLACE 10^6m^3	2 RAW GAS: POOL RECOVERY frac	3 RAW GAS: SURFACE LOSS frac	4 MARKETABLE GAS: INITIAL ESTABLISHED RESERVES 10^6m^3	5 MARKETABLE GAS: NET CUMULATIVE PRODUCTION 10^6m^3	6 MARKETABLE GAS: REMAINING ESTABLISHED RESERVES 10^6m^3	7 MARKETABLE GAS: GROSS HEAT VALUE MJ/m^3	8 MARKETABLE GAS: REMAINING ENERGY CONTENT TJ	9 AREA ha
WIZARD LAKE 048-27W4									
D-3 A SOLN	7 303	0.87	0.13	5 528		5 528	47	259 871	
OTHER	1 041			657	-1 252	1 909		87 265	
TOTAL-WIZARD LAKE	8 344			6 185	-1 252	7 437		347 136	
WOKING 075-05W6									
BLUESKY B	435	0.80	0.05	331	224	107	38	4 084	861
OTHER	2 156			1 407	365	1 042		39 942	
TOTAL-WOKING	2 591			1 738	589	1 149		44 026	
WOLF 054-16W5									
TOTAL-WOLF	539			354		354		13 842	
WOLF SOUTH 051-15W5									
RKCK 11-051-15	596	0.80	0.05	453		453	39	17 549	200
OTHER	336			226		226		8 848	
TOTAL-WOLF SOUTH	932			679		679		26 397	
WOLVERINE 098-15W5									
TOTAL-WOLVERINE	187			110		110		3 842	
WOOD RIVER 043-23W4									
LOWER MANNVILLE B	545	0.80	0.10	392	250	142	41	5 809	394
OTHER	3 189			1 931	355	1 576		61 499	
TOTAL-WOOD RIVER	3 734			2 323	605	1 718		67 308	
WOODENHOUSE (SA) 086-22W4									
TOTAL-WOODENHOUSE	275			132		132		4 854	
WOODLAND 060-19W4									
TOTAL-WOODLAND	274			179	26	153		5 521	
WOOLFORD (SA) 002-24W4									
TOTAL-WOOLFORD	52			21		21		809	
WORKMAN 031-26W4									
TOTAL-WORKMAN	224			128	60	68		2 628	
WORSLEY 087-07W6									
CHARLIE LAKE B SOLN	580	0.65	0.15	320	20	300	39	11 622	
D-3 A	761	0.85	0.07	602	514	88	37	3 254	1 367
D-3 B	827	0.90	0.07	692	682	10	36	365	1 726
D-3 D	1 520	0.85	0.07	1 202	1 202	< 1	34	-	440
D-3 E	817	0.75	0.05	582	582	< 1	35	-	400
D-3 G	1 803	0.40	0.05	685	685	< 1	37	-	1 351
GRANITE WASH A	540	0.85	0.10	413	413	< 1	37	-	128
OTHER	2 686			1 820	364	1 456		53 470	
TOTAL-WORSLEY	9 534			6 316	4 462	1 854		68 711	
WRENTHAM 006-16W4									
TOTAL-WRENTHAM	105			65	2	63		2 166	
WROE (SA) 056-25W5									
TOTAL-WROE	305			216		216		7 824	
YEKAU LAKE 052-26W4									
TOTAL-YEKAU LAKE	449			244	67	177		6 638	
YELLOWSTONE (SA) 071-13W5									
TOTAL-YELLOWSTONE	19			12		12		466	
YOUNGSTOWN 031-10W4									
TOTAL-YOUNGSTOWN	455			290	50	240		9 068	
ZAMA 118-05W6									
SULPHUR POINT I	628	0.85	0.15	454		454	38	17 093	498
OTHER	9 618			5 610	677	4 933		188 634	
TOTAL-ZAMA	10 246			6 064	677	5 387		205 727	
ZEUES (SA) 119-11W6									
TOTAL-ZEUES	9			7		7		262	

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS
						0.92		1951	1989	
1.91	0.180	0.60	12 160	46	0.842	0.60	1 406.0	1959	1986	CWNGNUL PANALTA MATERIAL BALANCE
11.80	0.150	0.85	21 230	70	0.888	0.58	2 600.6	1981	1983	AMOCO BER
5.24	0.162	0.70	10 470	51	0.794	0.75	1 422.3	1958	1979	TCPL MATERIAL BALANCE
						0.63		1975	1990	
8.53	0.059	0.80	22 820	85	0.904	0.67	2 252.9	1960	1969	MATERIAL BALANCE
17.14	0.063	0.80	22 380	83	0.908	0.65	2 212.6	1960	1984	MATERIAL BALANCE
12.20	0.099	0.80	21 330	83	0.906	0.70	2 142.0	1961	1987	
15.85	0.104	0.80	21 230	76	0.906	0.66	2 299.3	1965	1987	
13.76	0.060	0.80	22 750	83	0.900	0.68	2 222.6	1959	1986	
25.00	0.176	0.85	20 340	91	0.907	0.65	2 263.7	1975	1989	
14.08	0.081	0.85	13 100	60	0.860	0.66	1 353.7	1968	1969	PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS 1	2	3	MARKETABLE GAS 4	5	6	7	8	9
	INITIAL VOLUME IN PLACE 10^6m^3	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10^6m^3	NET CUMULATIVE PRODUCTION 10^6m^3	REMAINING ESTABLISHED RESERVES 10^6m^3	GROSS HEAT VALUE MJ/m^3	REMAINING ENERGY CONTENT TJ	AREA ha
TOTAL NON-CONFIDENTIAL POOLS	5 542 595			3 262 953	1 639 391	1 623 562		62 461 332	
TOTAL CONFIDENTIAL POOLS	35 627			23 840		23 840		900 874	
PROVINCIAL TOTAL	5 578 222			3 286 793	1 639 391	1 647 402		63 362 206	
ETHANE AND NGL RECOVERABLE AT REPROCESSING PLANTS						55 200		4 420 000	
PROVINCIAL RESERVES MINUS ETHANE AND NGL						1 592 202		58 942 206	
WITHIN ECONOMIC REACH	5 469 701			3 223 341	1 639 391	1 583 950		60 971 886	
BEYOND ECONOMIC REACH	108 521			63 452		63 452		2 390 320	
ASSOCIATED	611 206			403 787[b]	360 601[b]	273 387		10 944 515	
SOLUTION	720 881			230 201[b]					
NON-ASSOCIATED	4 246 135			2 652 805	1 278 790	1 374 015		52 417 691	

a MEASURED HEATING VALUE.
b INCLUDES SOLUTION GAS PRODUCTION.
c POOL RECOVERY AND SURFACE LOSS CALCULATED ON AN ENERGY BASIS. SEE TABLE 4-2.

10 AVERAGE PAY THICKNESS m	11 POROSITY frac	12 GAS SATN frac	13 INITIAL PRESSURE kPa	14 TEMP °C	15 COMPRESS frac	16 RAW GAS RELATIVE DENSITY frac	17 MEAN FORMATION DEPTH m	18 DISC YEAR	19 DATE LAST REVIEWED	20 DISPOSITION AND REMARKS

5 ETHANE CONTENT OF GAS

This chapter discusses the 1990 production of ethane and presents the Board's estimate of the total volume of ethane contained in the remaining established reserves of gas. Although the Board believes that ethane extraction at crude-oil refineries and at plants processing synthetic crude oil may become viable in the future, it has not attempted to estimate the prospective reserves from those sources. The effect of future ethane recovery at gas reprocessing plants on Alberta's remaining established reserves of marketable gas is discussed in Chapter 4.

Ethane is defined in the Oil and Gas Conservation Act as "in addition to its normal scientific meaning, a mixture mainly of ethane which ordinarily may contain some methane or propane". Although the 1990 ethane recovery data conform with this definition, the ethane reserve estimates are calculated on the basis of ethane product assumed to be 100 per cent ethane.

Ethane volumes are given in the standard unit of cubic metres of ethane liquid at equilibrium pressure and 15 degrees Celsius. However, in Table 5-1, ethane reserves are also given in cubic metres of ethane gas at 101.325 kilopascals and 15 degrees Celsius. A conversion factor of 0.003 55 cubic metres of ethane liquid per cubic metre of ethane gas is used.

5.1 Ethane in the Remaining Established Reserves of Gas

The Board has developed a computer file of compositional gas analyses, which has been used extensively in preparing the ethane reserve estimates in this section. Where a gas analysis was not available for a particular pool, a field or area average for the zone was used.

As shown in Table 5-1, the ethane content in liquefied form of the total remaining established reserves of marketable gas is some 312 million cubic metres, some 200 million of which is in currently producing pools and the remaining 112 million in unconnected or deferred pools. Of the ethane content in unconnected pools, some 9.3 million cubic metres is in pools currently considered beyond economic reach and some 2.9 million in confidential pools. These reserves exclude volumes recoverable from solvent flood production.

The Board has also estimated the contribution to reserves of the ethane component of the solvent bank injected into several pools throughout the province to enhance oil recovery. Pool recovery factors based on Board studies were used to estimate the solvent bank recoverable from each pool. An evaluation of both the injected and reproduced solvent volumes has resulted in the Board's estimates of the ethane volume recoverable from solvent floods. The 1990 estimate of ethane "Recoverable from Solvent Floods" (as stated at the end of Table 5-1) excludes volumes contained in push gas as these volumes are included under the individual pool reserve estimates.

For individual gas pools, the ethane content of marketable gas in Alberta, with few exceptions, falls within the range of 0.0025 to 0.20 mole per mole. The 31 December 1990 volume-weighted average ethane content of all remaining established marketable gas is 0.053 mole per mole, as indicated in Table 5-1.

5.2 Extraction of Specification Ethane in 1990

During 1990 the Midwest Fort Saskatchewan plant ceased production of specification ethane and the Amoco Empress plant increased its production volumes. Overall the extraction of specification ethane increased significantly by 9.6 per cent from 7271 thousand cubic metres in 1989 to 7971 thousand cubic metres in 1990.

5.3 Extraction of Ethane-plus Product in 1990

The total provincial extraction of ethane plus for 1990 was 2733 thousand cubic metres with an estimated ethane content of approximately 0.80 mole per mole.

TABLE 5-1 Ethane in the Remaining Established Reserves of Gas
As at 31 December 1990

Fields	Remaining Established Reserves of Marketable Gas	Ethane Content[a]	Volume of Ethane	
	10^6 m^3	mol/mol	10^6 m^3(gas)	10^6 m^3(liquid)
Major Fields				
Bonnie Glen	12 980	0.162	2 105	7.47
Brazeau River	28 664	0.085	2 427	8.62
Caroline	40 303	0.150	6 044	21.46
Cranberry	9 115	0.100	911	3.23
Elmworth	29 503	0.066	1 957	6.95
Garrington	9 491	0.093	887	3.15
Gilby	12 219	0.090	1 101	3.91
Harmattan East	13 201	0.088	1 160	4.12
Harmattan-Elkton	16 408	0.088	1 444	5.13
Jumping Pound West	26 399	0.041	1 084	3.85
Kaybob South	30 065	0.120	3 615	12.83
Leduc-Woodbend	10 587	0.124	1 310	4.65
Medicine River	10 548	0.097	1 020	3.62
Pembina	27 711	0.093	2 570	9.12
Rainbow	14 146	0.107	1 515	5.38
Ricinus	21 428	0.085	1 816	6.45
Sylvan Lake	13 368	0.098	1 308	4.64
Valhalla	12 106	0.084	1 018	3.61
Wapiti	17 140	0.059	1 018	3.61
Waterton	20 464	0.042	863	3.06
Westerose South	11 276	0.090	1 018	3.61
Willesden Green	13 267	0.102	1 355	4.81
Wizard Lake	7 427	0.118	880	3.12
Subtotal	407 816	0.094	38 426	136

TABLE 5-1 (continued)

Fields	Remaining Established Reserves of Marketable Gas	Ethane Content[a]	Volume of Ethane	
	10^6 m^3	mol/mol	10^6 m^3(gas)	10^6 m^3(liquid)
Fields with over 1.50×10^9 m^3 of remaining established marketable gas but under 3.0×10^6 m^3 of ethane reserves	949 880	0.040	37 836	134
Subtotal	1 357 696	0.056	76 262	271
All other remaining established reserves of marketable gas	291 478	0.040	11 532	41
Total	1 649 174	0.053	87 794	312
Recoverable from Solvent Floods			2 262	8
Provincial Total			90 056	320
			(3 196)[b]	(2 026)[c]

a Volume-weighted average. In several fields, ethane is extracted at field plants such that the actual ethane content of marketable gas from these fields is substantially less than this calculated content.
b Imperial equivalent in billions of cubic feet.
c Imperial equivalent in millions of barrels.

6 RESERVES OF NATURAL GAS LIQUIDS

Natural gas liquids are defined in the Oil and Gas Conservation Act as "propane, butanes, or pentanes plus, or a combination of them, obtained from the processing of raw gas or condensate". For the purposes of this report, condensate recovered in stock tanks and marketed without processing is included in the reserves of pentanes plus. Also included in the pentanes plus category are higher-vapour-pressure products that contain substantial quantities of butanes recovered at several plants throughout the province.

6.1 Provincial Summary

The Board estimates the remaining established reserves of natural gas liquids in the province as at 31 December 1990 to be 317 million cubic metres. During 1990, the Board continued to improve its computerized database. Although this effort has not significantly affected the provincial reserves, it has caused some minor variations in reserves associated with specific formations. Overall, the Board believes this year's estimates are an improvement over previous ones. Caution should be used in comparing the 1990 report with any pre-1990 reserve reports. The changes in the reserves during the past year are tabulated below:

	Established Reserves			
	Propane	Butanes	Pentanes Plus	Total
	10^6 m^3 (liquid)			
Remaining at 31 December 1989	129.4	73.1	123.5	326.0
Additions during 1990	1.8	1.8	3.6	7.2
Less net production[a] during 1990	6.4	3.2	6.3	15.9
Remaining at 31 December 1990	124.8	71.7	120.8	317.3
	(786.0)[b]	(451.5)[b]	(760.1)[b]	(1 997.6)[b]
Cumulative net production[a] to 31 December 1990	118.6	73.2	184.0	375.8
Initial established reserves at 31 December 1990	243.4	144.9	304.8	693.1
	(1 533.4)[b]	(912.4)[b]	(1 918.1)[b]	(4 363.9)[b]

a Net production means production less those volumes returned to the formation or injected to enhance the recovery of oil.

b Imperial equivalent in millions of barrels.

Also during 1990, propane and butanes recovery at crude-oil refineries was 304.3 and 540.7 thousand cubic metres, respectively. Although propane and butanes are potentially recoverable at other crude-oil refineries and from processing crude bitumen, the Board has not attempted to estimate the prospective reserves from those sources.

6.2 Major Changes to Recoverable Reserves of Natural Gas Liquids

During 1990 the Board made an adjustment to the injected gas volumes for solvent flood enhanced recovery schemes and for gas cycling schemes. The rationale for these adjustments is described in Section 4.7. The effect of these adjustments on the remaining established reserves of marketable gas resulted in changes to the remaining reserves of natural gas liquids in several fields. The most notable change was a decrease in the Swan Hills field. Lesser changes occurred in the Waterton and Kaybob South fields because of the adjustments and to liquids production. The most notable increase occurred in the Minehead field as a result of an addition to the initial established reserves of gas. The overall result was a net decrease in the remaining reserves of natural gas liquids, compared to 1989 levels as shown in the tabulation in Section 6.1.

6.3 Determination of Recoverable Reserves of Natural Gas Liquids

The remaining established reserves of natural gas liquids consist of liquids that are expected to be extracted from the province's remaining established reserves of raw gas. The liquids recoverable from pools currently producing and connected to gas processing plants were generally determined using remaining recoverable raw-gas reserves, a raw-gas analysis, and the current plant recovery efficiency for each component. For retrograde condensate pools where dry gas is cycled, product recoveries have been determined from individual reservoir studies having regard for anticipated future cycling and blowdown operations.

For those pools not currently connected or on production, the Board estimated whether or not the gas would be processed for liquid recovery and, if so, the recovery efficiency for each component. This estimate was made on a broad judgement basis having regard for the gas composition in those pools. Confidential reserves and those considered beyond economic reach are included in the unconnected-reserve category.

The natural gas liquid reserves recoverable at reprocessing plants have been estimated by multiplying the remaining marketable gas reserves by the historic ratio of liquid production to marketable gas production. This assumes that both the liquid content of marketable gas and the portion of marketable gas to be reprocessed will remain constant. The Board believes that the approach gives a reasonable indication of the natural gas liquids recoverable at reprocessing plants.

The Board has also estimated the reserves of natural gas liquids being injected as solvent into several pools throughout the province to enhance oil recovery. Pool recovery factors based on Board studies were used to estimate the portion of such solvent recoverable from each pool. Plant recovery factors of 85 per cent for propane, 95 per cent for butanes, and 100 per cent for pentanes plus were then applied to the pool recoveries to determine the reserves of natural gas liquids recoverable from solvent-flood schemes. A re-evaluation of both the injected and reproduced solvent volumes has resulted in changes in the Board's estimates of volumes recoverable from solvent floods. The 1990 estimates of natural gas liquids "Recoverable from Solvent Floods" (as stated at the end of Table 6-1) exclude volumes contained in push gas as these volumes are included under the individual pool reserve estimates.

The following table shows the natural gas liquid reserves broken down into connected and unconnected categories. These reserves exclude volumes recoverable at reprocessing plants and from solvent-flood production.

	Remaining Established Reserves As at 31 December 1990			
	Propane	Butanes	Pentanes Plus	Total
	10^6 m^3 (liquid)			
Connected	43.2	32.7	76.8	152.7
Unconnected	29.4	17.5	34.8	81.7
Total	72.6	50.2	111.6	234.4

6.4 Discussion of Reserves Table 6-1

The Board's current estimates of the remaining established reserves of natural gas liquids are detailed in Table 6-1. Fields containing 800 000 cubic metres or more of recoverable liquids are listed individually and those containing less are grouped under the **Beyond Economic Reach**, **Confidential**, and **Other Small Reserves** categories. Provincial reserves recoverable at reprocessing plants and from solvent-flood schemes are not included in the reserves for the individual pools but are shown as totals at the end of the table.

TABLE 6-1 Remaining Established Reserves of Natural Gas Liquids
As at 31 December 1990

1		2	3	4	5	6	7	8	9
Field	Zone	Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Ansell	Cardium	2 751	72	55	210	198	152	577	927
	Viking	469	75	36	85	35	17	40	92
	Mannville	2 247	57	42	77	128	94	174	396
	Jurassic	38	132	79	132	5	3	5	13
	Mississippian	457	88	24	11	40	11	5	56
	Subtotal					406	277	801	1 484
Bigoray	Mannville	2 507	98	54	100	245	135	250	630
	Jurassic	472	87	51	127	41	24	60	125
	Mississippian	453	97	53	93	44	24	42	110
	Winterburn	349	298	160	100	104	56	35	195
	Subtotal					434	239	387	1 060
Bonnie Glen	Cardium	94	223	128	117	21	12	11	44
	Mannville	544	112	53	37	61	29	20	110
	Leduc[a]	12 177	-	-	-	1 367	703	1 579	3 649
	Subtotal					1 449	744	1 610	3 803
Brazeau River	Viking	3 820	64	36	120	245	138	457	840
	Jurassic	2 621	167	83	125	437	217	328	982
	Mississippian	10 516	-	-	63	-	-	664	664
	Winterburn[a]	11 707	-	-	-	1 116	953	5 796	7 865
	Subtotal					1 798	1 308	7 245	10 351
Caroline	Cardium	1 796	125	80	211	224	143	379	746
	Viking	1 363	76	52	108	103	71	147	321
	Mannville	14 090	107	71	165	1 510	1 004	2 319	4 833
	Jurassic	111	126	72	117	14	8	13	35
	Mississippian	1 005	60	46	143	60	46	144	250
	Leduc	140	114	86	150	16	12	21	49
	Beaverhill Lake	21 142	260	337	870	5 487	7 121	18 389	30 997
	Subtotal					7 414	8 405	21 412	37 231
Carrot Creek	Cardium	364	88	82	129	32	30	47	109
	Mannville	1 766	105	80	96	185	141	169	495
	Jurassic	1 378	97	60	102	134	83	140	357
	Subtotal					351	254	356	961
Carstairs	Viking	168	101	48	65	17	8	11	36
	Mannville	277	191	97	108	53	27	30	110
	Mississippian[a]	2 132	-	-	-	207	154	305	666
	Subtotal					277	189	346	812
Clive	Viking	225	98	58	89	22	13	20	55
	Mannville	833	133	72	151	111	60	126	297
	Winterburn	499	220	180	236	110	90	118	318
	Leduc	818	219	181	160	179	148	131	458
	Subtotal					422	311	395	1 128

TABLE 6-1 (continued)

Field	Zone	Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
	1	2	3	4	5	6	7	8	9
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Cranberry	Beaverhill Lake	7 257	59	61	220	429	442	1 600	2 471
	Elk Point	629	-	-	75	-	-	47	47
	Subtotal					429	442	1 647	2 518
Crossfield	Viking	159	82	57	57	13	9	9	31
	Mannville	814	74	54	90	60	44	73	177
	Jurassic	90	122	67	133	11	6	12	29
	Mississippian[a]	6 564	-	-	-	561	386	803	1 750
	Wabamun	2 291	7	7	24	17	16	54	87
	Subtotal					662	461	951	2 074
Dunvegan	Triassic	224	58	36	45	13	8	10	31
	Mississippian	12 931	61	42	71	789	539	912	2 240
	Wabamun	283	106	71	134	30	20	38	88
	Subtotal					832	567	960	2 359
Edson	Cardium	942	64	68	105	60	64	99	223
	2nd White Specks	167	114	60	102	19	10	17	46
	Viking	1 884	17	7	47	32	14	89	135
	Mannville	2 448	119	65	143	292	158	349	799
	Jurassic	481	166	98	385	80	47	185	312
	Mississippian	6 243	-	-	34	-	-	213	213
	Subtotal					483	293	952	1 728
Elmworth	Cardium	569	97	47	69	55	27	39	121
	Cadotte	3 056	32	14	22	97	44	67	208
	Mannville	21 582	46	20	48	995	442	1 043	2 480
	Jurassic	1 750	3	2	27	6	3	48	57
	Triassic	1 039	105	64	178	109	66	185	360
	Subtotal					1 262	582	1 382	3 226
Ferrier	Belly River	245	82	37	33	20	9	8	37
	Cardium	3 899	114	75	165	444	291	643	1 378
	Viking	243	132	70	99	32	17	24	73
	Mannville	1 938	48	29	138	93	56	267	416
	Jurassic	193	135	67	57	26	13	11	50
	Mississippian	1 339	3	1	163	4	2	218	224
	Subtotal					619	388	1 171	2 178
Garrington	Cardium	179	151	112	302	27	20	54	101
	Viking	1 046	103	61	125	108	64	131	303
	Mannville	3 618	140	86	142	506	312	514	1 332
	Jurassic	584	58	29	58	34	17	34	85
	Mississippian	1 350	96	61	116	129	82	157	368
	Wabamun	1 264	130	93	219	164	117	277	558
	Leduc	1 450	113	66	221	164	95	321	580
	Subtotal					1 132	707	1 488	3 327

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Ghost Pine	Viking	113	18	9	44	2	1	5	8
	Mannville	5 622	52	51	60	291	285	335	911
	Mississippian	725	57	47	43	41	34	31	106
	Subtotal					334	320	371	1 025
Gilby	Belly River	135	7	15	30	1	2	4	7
	Cardium	418	-	-	423	-	-	177	177
	Mannville	5 451	78	46	102	427	251	555	1 233
	Jurassic	4 022	79	48	78	316	194	314	824
	Mississippian	2 050	99	53	91	203	109	187	499
	Wabamun	52	135	58	58	7	3	3	13
	Subtotal					954	559	1 240	2 753
Gold Creek	Upper Cretaceous	62	81	32	48	5	2	3	10
	Mannville	1 381	78	35	72	108	48	99	255
	Triassic	311	100	61	84	31	19	26	76
	Wabamun	1 492	-	-	538	-	-	802	802
	Subtotal					144	69	930	1 143
Harmattan East	Viking	70	143	86	71	10	6	5	21
	Mannville	300	127	67	80	38	20	24	82
	Mississippian[a]	12 831	-	-	-	660	484	844	1 988
	Subtotal					708	510	873	2 091
Harmattan-Elkton	Mannville	59	119	68	85	7	4	5	16
	Mississippian[a]	16 240	-	-	-	449	379	1 059	1 887
	Subtotal					456	383	1 064	1 903
Hussar	Viking	947	44	22	38	42	21	36	99
	Basal Colorado	184	33	16	33	6	3	6	15
	Mannville	6 764	88	55	56	595	371	378	1 344
	Mississippian	53	94	57	38	5	3	2	10
	Subtotal					648	398	422	1 468
Judy Creek	Viking	204	-	-	83	-	-	17	17
	Beaverhill Lake	1 848	366	151	103	677	279	191	1 147
	Subtotal					677	279	208	1 164
Jumping Pound West	Mississippian	26 399	26	24	79	686	634	2 086	3 406
	Subtotal					686	634	2 086	3 406
Karr	Upper Cretaceous	827	2	1	62	2	1	51	54
	Mannville	8 450	150	87	143	1 264	736	1 210	3 210
	Jurassic	218	-	-	46	-	-	10	10
	Subtotal					1 266	737	1 271	3 274

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Kaybob	Viking	273	99	51	77	27	14	21	62
	Mannville	6 234	21	16	38	129	97	237	463
	Jurassic	145	166	76	103	24	11	15	50
	Wabamun	79	-	-	127	-	-	10	10
	Beaverhill Lake[a]	2 155	-	-	-	292	250	471	1 013
	Subtotal					472	372	754	1 598
Kaybob South	Viking	446	67	27	22	30	12	10	52
	Mannville	7 204	32	16	50	233	113	360	706
	Jurassic	335	45	21	69	15	7	23	45
	Triassic	1 788	95	41	60	169	73	107	349
	Winterburn	1 719	136	112	170	233	193	292	718
	Beaverhill Lake[a]	17 615	-	-	-	1 084	1 047	3 219	5 350
	Subtotal					1 764	1 445	4 011	7 220
Leduc-Woodbend	Viking	264	53	27	30	14	7	8	29
	Mannville	2 642	129	62	55	342	165	146	653
	Wabamun	869	110	60	47	96	52	41	189
	Winterburn	196	219	122	92	43	24	18	85
	Leduc	6 386	101	104	53	648	662	338	1 648
	Subtotal					1 143	910	551	2 604
Medicine River	Viking	47	170	128	85	8	6	4	18
	Mannville	5 790	118	63	65	682	364	379	1 425
	Jurassic	1 455	76	47	58	110	68	84	262
	Mississippian	2 757	119	71	99	328	197	273	798
	Leduc	421	252	169	230	106	71	97	274
	Subtotal					1 234	706	837	2 777
McLeod	Cardium	338	95	62	62	32	21	21	74
	Mannville	3 644	136	82	96	496	299	350	1 145
	Jurassic	1 870	116	67	180	216	126	336	678
	Winterburn	533	81	47	39	43	25	21	89
	Beaverhill Lake	107	93	65	336	10	7	36	53
	Subtotal					797	478	764	2 039
Minehead	Cardium	3 113	102	66	263	316	205	819	1 340
	Viking	77	117	65	104	9	5	8	22
	Mississippian	93	75	54	97	7	5	9	21
	Subtotal					332	215	836	1 383
Minnehik-Buck Lake	Belly River	501	94	50	58	47	25	29	101
	Cardium	101	139	79	79	14	8	8	30
	Mannville	577	87	43	75	50	25	43	118
	Jurassic	465	28	15	90	13	7	42	62
	Mississippian	4 701	49	28	72	232	131	340	703
	Subtotal					356	196	462	1 014

TABLE 6-1 (continued)

Field	1 Zone	2 Remaining Reserves of Marketable Gas	3 Liquid Recovery Ratio: Propane	4 Liquid Recovery Ratio: Butanes	5 Liquid Recovery Ratio: Pentanes Plus	6 Remaining Established Reserves of Natural Gas Liquids: Propane	7 Butanes	8 Pentanes Plus	9 Total
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Mitsue	Elk Point	1 087	482	296	152	524	322	165	1 011
	Subtotal					524	322	165	1 011
Moose	Mississippian	2 325	79	62	212	183	144	493	820
	Subtotal					183	144	493	820
Niton	Mannville	1 049	102	57	116	107	60	122	289
	Jurassic	5 059	42	37	108	210	185	545	940
	Subtotal					317	245	667	1 229
Paddle River	Mannville	299	110	64	140	33	19	42	94
	Jurassic	1 550	112	70	175	174	109	271	554
	Mississippian	895	105	55	84	94	49	75	218
	Subtotal					301	177	388	866
Peco	Belly River	434	101	48	108	44	21	47	112
	Cardium	233	129	73	86	30	17	20	67
	Viking	232	112	60	99	26	14	23	63
	Mannville	1 879	98	62	304	185	117	572	874
	Jurassic	1 207	120	58	59	145	70	71	286
	Winterburn	71	42	28	239	3	2	17	22
	Subtotal					433	241	750	1 424
Pembina	Belly River	4 150	87	71	111	362	293	461	1 116
	Cardium	9 311	149	108	96	1 385	1 010	893	3 288
	Viking	380	113	55	50	43	21	19	83
	Mannville	6 619	90	51	69	595	338	455	1 388
	Jurassic	2 219	103	58	121	228	128	269	625
	Mississippian	1 366	102	72	89	140	98	122	360
	Winterburn	3 786	277	181	87	1 048	684	328	2 060
	Subtotal					3 801	2 572	2 547	8 920
Progress	Triassic	5 579	70	48	97	391	268	541	1 200
	Subtotal					391	268	541	1 200
Rainbow	Mannville	3 010	10	7	6	31	20	18	69
	Slave Point	429	133	82	124	57	35	53	145
	Sulphur Point	1 013	104	76	104	105	77	105	287
	Muskeg	519	198	110	73	103	57	38	198
	Keg River	9 056	247	155	172	2 241	1 403	1 554	5 198
	Subtotal					2 537	1 592	1 768	5 897
Rainbow South	Sulphur Point	689	17	12	61	12	8	42	62
	Muskeg	825	150	90	105	124	74	87	285
	Keg River	1 404	200	108	123	281	152	173	606
	Subtotal					417	234	302	953

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Ricinus	Cardium[a]	14 447	-	-	-	831	555	723	2 109
	Viking	4 299	32	18	49	137	79	212	428
	Mannville	60	83	33	50	5	2	3	10
	Winterburn	250	96	108	84	24	27	21	72
	Subtotal					997	663	959	2 619
Shekilie	Sulphur Point	546	117	75	108	64	41	59	164
	Muskeg	156	103	58	77	16	9	12	37
	Elk Point	21	190	95	143	4	2	3	9
	Keg River	1 990	195	116	114	389	231	226	846
	Subtotal					473	283	300	1 056
Strachan	Cardium	159	164	94	151	26	15	24	65
	Mannville	1 428	25	10	53	35	14	75	124
	Jurassic	78	115	51	13	9	4	1	14
	Leduc	3 446	52	48	197	179	166	680	1 025
	Subtotal					249	199	780	1 228
Swan Hills	Beaverhill Lake	1 271	694	425	232	882	540	295	1 717
	Subtotal					882	540	295	1 717
Swan Hills South	Beaverhill Lake	837	691	458	293	578	383	245	1 206
	Subtotal					578	383	245	1 206
Sylvan Lake	Viking	258	120	74	85	31	19	22	72
	Mannville	6 274	98	61	82	613	381	513	1 507
	Jurassic	2 543	99	63	90	252	161	229	642
	Mississippian	3 053	102	68	81	310	207	248	765
	Leduc	1 017	85	84	172	86	85	175	346
	Subtotal					1 292	853	1 187	3 332
Twining	Viking	1 009	40	21	32	40	21	32	93
	Mannville	1 092	70	49	66	76	53	72	201
	Mississippian	5 458	41	47	54	224	256	297	777
	Subtotal					340	330	401	1 071
Valhalla	Doe Creek	2 429	20	19	33	48	46	80	174
	Mannville	2 101	45	20	34	95	43	71	209
	Jurassic	56	125	54	89	7	3	5	15
	Triassic[a]	6 910	-	-	-	1 316	725	2 258	4 299
	Subtotal					1 466	817	2 414	4 697
Virginia Hills	Mannville	287	10	3	38	3	1	11	15
	Mississippian	234	51	51	64	12	12	15	39
	Winterburn	58			138			8	8
	Beaverhill Lake	1 175	449	210	118	528	247	139	914
	Subtotal					543	260	173	976

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	**Zone**	**Remaining Reserves of Marketable Gas**	**Liquid Recovery Ratio**			**Remaining Established Reserves of Natural Gas Liquids**			
			Propane	**Butanes**	**Pentanes Plus**	**Propane**	**Butanes**	**Pentanes Plus**	**Total**
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Waterton	Cardium	140	114	57	136	16	8	19	43
	Mannville	274	77	36	44	21	10	12	43
	Mississippian[a]	16 405	-	-	-	842	707	1 757	3 306
	Subtotal					879	725	1 788	3 392
Wembley	Upper Cretaceous	323	90	40	43	29	13	14	56
	Triassic[a]	7 538	-	-	-	1 240	640	2 323	4 203
	Subtotal					1 269	653	2 337	4 259
Westerose	Mannville	2 646	136	70	97	359	186	256	801
	Mississippian	129	147	78	171	19	10	22	51
	Leduc[a]	3 043	-	-	-	473	329	417	1 219
	Subtotal					851	525	695	2 071
Westerose South	Mannville	10 311	151	78	97	1 553	804	1 000	3 357
	Mississippian	377	122	58	74	46	22	28	96
	Wabamun	288	149	76	73	43	22	21	86
	Leduc[a]	262	-	-	-	21	12	13	46
	Subtotal					1 663	860	1 062	3 585
Westpem	Mannville	698	162	93	56	113	65	39	217
	Jurassic	146	130	75	123	19	11	18	48
	Winterburn	2 632	-	-	-	376	235	285	896
	Subtotal					508	311	342	1 161
Willesden Green	Belly River	1 638	110	63	60	180	104	98	382
	Cardium	2 906	116	76	106	336	220	307	863
	Viking	473	228	135	209	108	64	99	271
	Mannville	6 909	138	76	167	953	528	1 156	2 637
	Jurassic	936	145	83	146	136	78	137	351
	Mississippian	405	116	67	106	47	27	43	117
	Subtotal					1 760	1 021	1 840	4 621
Wilson Creek	Belly River	566	94	64	110	53	36	62	151
	Mannville	870	75	44	126	65	38	110	213
	Jurassic	97	82	41	103	8	4	10	22
	Mississippian	2 993	82	48	106	246	145	316	707
	Subtotal					372	223	498	1 093
Wizard Lake	Mannville	243	95	45	58	23	11	14	48
	Winterburn	15	200	133	133	3	2	2	7
	Leduc	7 117	346	199	60	2 463	1 416	427	4 306
	Subtotal					2 489	1 429	443	4 361

TABLE 6-1 (continued)

Field	Zone	Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
	1	2	3	4	5	6	7	8	9
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10^6 m^3	$m^3/10^6$ m^3 of marketable gas			10^3 m^3			
Zama	Slave Point	1 132	7	6	54	8	7	61	76
	Sulphur Point	3 480	88	65	90	305	227	313	845
	Muskeg	39	179	103	103	7	4	4	15
	Elk Point	93	118	65	65	11	6	6	23
	Keg River	643	138	78	106	89	50	68	207
	Subtotal					420	294	452	1 166
Subtotal						55 876	39 542	81 615	177 033
Reserves Beyond Economic Reach						1 471	880	3 009	5 360
Confidential Reserves						421	245	967	1 633
Other Small Reserves						14 787	9 561	26 000	50 348
Subtotal						72 555	50 228	111 591	234 374
Recoverable at Reprocessing Plants						48 780	19 310	8 160	76 250
Recoverable from Solvent Floods						3 427	2 170	1 039	6 636
Total Reserves						124 762	71 708	120 790	317 260
						(786.0)[b]	(451.5)[b]	(760.1)[b]	(1 997.6)[b]

a Includes gas cycling pool. Gas reserves calculated on an energy basis. See Table 4-2. Liquid recovery ratios are not included because of those parameters changing with time.

b Imperial equivalent in millions of barrels.

7 RESERVES OF SULPHUR

7.1 Provincial Summary

The Board estimates the remaining established reserves of elemental sulphur in the province as at 31 December 1990 to be some 106 million tonnes. The changes in sulphur reserves during the past year are as follows:

	Established Sulphur Reserves from Natural Gas	Established[a] Sulphur Reserves from Crude Bitumen	Total Established Sulphur Reserves
	10^6 t	10^6 t	10^6 t
Remaining at 31 December 1989	90.6	17.1	107.7
Additions during 1990	3.3	0.0[c]	3.3
Production during 1990	4.8	0.5	5.3
Remaining at 31 December 1990	89.1	16.6	105.7
	(87.7)[b]	(16.3)[b]	(104.0)[b]
Cumulative net production to 31 December 1990	133.7	5.1	138.8
Initial established reserves at 31 December 1990	222.8	21.7	244.5
	(219.3)[b]	(21.4)[b]	(240.6)[b]

a Recoverable reserves of elemental sulphur under active development at Suncor and Syncrude plants.

b Imperial equivalent in millions of long tons.

c Additions are due to improved sulphur recovery technology at plants.

7.2 Sulphur from Natural Gas

Of the cumulative net production of 133.7 million tonnes at year-end 1990, some 3.0 million were stockpiled at various gas plants in the province. Over the years, stockpiling reflected a lack of markets for a portion of the production and, in part, a shortage of slating, loading, and transportation facilities and limited ocean-terminal storage capacity. However, with improved sulphur markets, producers have reduced their stockpiles to meet the increase in demand. Consequently, the sulphur stockpiled at year-end 1990 was some 1.1 million tonnes less than at year-end 1989.

The Board's estimates of remaining established reserves of sulphur recoverable from gas have been prepared by applying the appropriate hydrogen sulphide (H_2S) content and sulphur recovery efficiency to the remaining established reserves of raw gas in each pool. Where sulphur is currently being recovered, historical recovery efficiencies have been used. Where sulphur recovery is anticipated from gas reserves not yet being produced, the recovery efficiency has been estimated on the basis of the minimum sulphur recovery efficiency guidelines published in the Board's Informational Letter IL 88-13. The remaining established reserves of sulphur for cycling schemes were determined from a detailed assessment of each pool and, because the H_2S content in the gas changes with time, only the remaining reserves are reported.

Of the 89.1 million tonnes of remaining sulphur recoverable from gas, some 71.1 million are in currently producing pools and the remaining 18.0 million are in unconnected pools. The unconnected reserves include some 6.7 million tonnes in pools considered beyond economic reach.

The Board's reserve estimates are shown in Table 7-1. Fields containing 800 000 tonnes or more of recoverable sulphur are listed individually and those containing less are grouped under **Other Small Reserves**. The remaining reserves of sulphur for 1990 have decreased slightly because of the re-evaluation of sulphur content in the Waterton field and provincial production.

7.3 Sulphur from Crude Bitumen

Crude bitumen in oil sands deposits contains significant amounts of sulphur. As a result of current Alberta upgrading operations, in which crude bitumen is converted to synthetic crude oil, an average of 88 per cent of the sulphur contained in the crude bitumen is either recovered in the form of elemental sulphur or remains in products including coke.

It is currently estimated that some 206 million tonnes of elemental sulphur will be recoverable from the 5.1 billion cubic metres of remaining established crude bitumen reserves in the surface-mineable area. These sulphur reserves were estimated by multiplying the remaining established reserves of crude bitumen by a factor of 40.5 tonnes per thousand cubic metres of crude bitumen. In 1989, this ratio was revised from previous estimates to reflect both current operations and the expected use of high conversion, hydrogen addition upgrading technologies for the future development of surface-mineable crude bitumen reserves. Hydrogen addition technology yields a higher elemental sulphur production than does an alternative carbon rejection technology, as a larger percentage of the sulphur in the bitumen remains in upgrading residues as opposed to being converted to H_2S.

7.4 Sulphur from Crude Bitumen Reserves Under Active Development

Only a portion of the surface-mineable established crude bitumen reserves are under active development at the approved Suncor and Syncrude projects. The Board has retained its estimate of the initial established reserves of elemental sulphur for the Suncor and Syncrude projects at 21.7 million tonnes, of which 5.1 million tonnes of elemental sulphur has been produced, leaving a remaining established reserve of 16.6 million tonnes. The change in the initial and remaining established reserves is primarily reflective of improved sulphur recovery operations at both plants and the addition of a hydrogen addition upgrading unit at the Syncrude facility. During 1990, a total of 495 353 tonnes of elemental sulphur were produced at the Suncor and Syncrude projects. The changes in established sulphur reserves during 1990 are summarized in Section 7.1.

TABLE 7-1 **Remaining Established Reserves of Sulphur**
As at 31 December 1990

Field	Zone	Remaining Established Reserves of Raw Gas (10^6 m^3)	H_2S Content[a] (mol/mol)	Recovery Efficiency[b] (percentage)	Remaining Established Reserves of Sulphur (10^3 tonnes)
Blackstone	Beaverhill Lake	14 700	0.107	99	2 115
	Subtotal				2 115
Brazeau River	Mississippian	11 339	0.010	95	150
	Nisku[c]	-	-	-	2 744
	Subtotal				2 894
Burnt Timber	Mississippian	4 611	0.078	96	584
	Wabamun	1 548	0.304	96	612
	Subtotal				1 196
Caroline	Mississippian	726	0.023	99	22
	Nisku[d]	246	0.519	100[e]	173
	Leduc[d]	2 265	0.831	100[e]	2 553
	Beaverhill Lake	47 058	0.364	100[e]	23 253
	Subtotal				26 001
Coleman	Mississippian	5 220	0.279	97	1 916
	Wabamun	1 711	0.279	97	628
	Subtotal				2 544
Crossfield	Mannville	422	0.007	99	4
	Mississippian	7 267	0.007	99	66
	Wabamun	4 772	0.318	99	2 034
	Subtotal				2 104
Crossfield East	Wabamun	4 758	0.346	99	2 211
	Subtotal				2 211
Fir	Triassic	4 437	0.013	98	77
	Leduc	4 677	0.127	97	783
	Subtotal				860
Hanlan	Nisku	298	0.052	99	21
	Beaverhill Lake	23 974	0.091	99	2 913
	Subtotal				2 934
Jumping Pound West	Mississippian	32 806	0.065	97	2 798
	Subtotal				2 798

TABLE 7-1 (continued)

Field	Zone	Remaining Established Reserves of Raw Gas (10^6 m^3)	H_2S Content[a] (mol/mol)	Recovery Efficiency[b] (percentage)	Remaining Established Reserves of Sulphur (10^3 tonnes)
Kaybob South	Triassic	1 056	0.011	98	16
	Nisku	2 194	0.227	98	661
	Beaverhill Lake[c]	-	-	-	2 572
	Subtotal				3 249
Limestone	Mississippian	8 466	0.050	99	566
	Wabamun	3 401	0.168	99	768
	Nisku	460	0.177	99	109
	Leduc	1 271	0.179	99	305
	Subtotal				1 748
Moose	Mississippian	3 045	0.111	99	453
	Wabamun	1 305	0.448	97	769
	Subtotal				1 222
Obed	Nisku	3 854	0.241	98	1 232
	Leduc	3 376	0.286	98	1 282
	Subtotal				2 514
Okotoks	Mississippian	255	0.012	95	4
	Wabamun	4 492	0.341	99	2 058
	Subtotal				2 062
Panther River	Mississippian	4 749	0.074	99[e]	456
	Wabamun[d]	883	0.708	99[e]	822
	Nisku[d]	476	0.725	99[e]	454
	Subtotal				1 732
Pine Creek	Jurassic	2 760	0.001	97	5
	Mississippian	158	0.024	97	5
	Wabamun	2 862	0.288	99	1 107
	Leduc	373	0.248	99	124
	Subtotal				1 241
Ricinus	Nisku	683	0.427	96	380
	Leduc	3 880	0.306	99	1 592
	Subtotal				1 972
Ricinus West	Leduc	5 373	0.332	99	2 395
	Subtotal				2 395
Waterton	Mississippian	16 323	0.192	99	4 202
	Wabamun	2 741	0.152	96	542
	Rundle-Wabamun[c]	-	-	-	2 542
	Subtotal				7 286

TABLE 7-1 (continued)

Field	Zone	Remaining Established Reserves of Raw Gas (10^6 m^3)	H_2S Content[a] (mol/mol)	Recovery Efficiency[b] (percentage)	Remaining Established Reserves of Sulphur (10^3 tonnes)
Windfall	Mississippian	546	0.026	99	19
	Nisku	814	0.177	95	186
	Leduc[c]	-	-	-	758
	Subtotal				963
Subtotal					72 041
Other Small Reserves					17 041
Total Reserves					89 082
					(87 675)[f]

a Volume-weighted average.

b All recovery efficiencies are rounded to the nearest whole percentage.

c Includes gas-cycling pool. Gas reserves calculated on an energy basis. See Table 4-2. H_2S content is not included because of gas composition changing with time.

d Currently considered beyond economic reach.

e Recovery efficiencies are not rounded but consistent with report ERCB-AE 88-AA, ***Sulphur Recovery Guidelines for Sour Gas Plants in Alberta.***

f Imperial equivalent in thousands of long tons.

8 ULTIMATE POTENTIAL

8.1 Conventional Crude Oil

The Board updated ERCB Report 88-E[1] in early 1990 and provided a forecast of Alberta oil supply from all sources for the period 1990 to 2005. The ultimate potential of crude oil and equivalent remains unchanged from ERCB Report 88-E at 2905 million cubic metres.

The Board estimates that future reserves growth from new discoveries/additions will add some 305 million cubic metres to the existing light-medium established reserves and some 84 million cubic metres to existing heavy crude oil established reserves. These values are consistent with the ERCB Report 88-E medium projection for Alberta's geological potential. An additional 183 million and 50 million cubic metres of light-medium and heavy crude oil reserves, respectively, are predicted to be recovered by the application of future tertiary recovery schemes. The resulting ultimate potential from all conventional crude oil sources remains unchanged at 2905 million cubic metres. The current relationship between the initial and remaining ultimate potential of conventional crude oil is illustrated below:

	10^6 m^3
Initial Established	2 256
Cumulative Production	1 746
Remaining Established	510
Yet to Be Established	649
Ultimate Potential	2 905
Remaining Ultimate Potential	1 159

Net annual additions (after reassessment of existing reserves) to Alberta's initial established crude oil reserves averaged 84 million cubic metres from 1956 to 1970, falling to 27 million from 1971 to 1989 and for 1990 totalled only 3 million cubic metres (Table 8-1, column 1).

An updated summary of additions from all sources is shown in Figure 8-1. The Board projects total reserves additions for light-medium and heavy crude oil of 23 million cubic metres and 10 million cubic metres, respectively, in 1991. Past 1994, the level of discoveries/additions declines as geological opportunities diminish. In both the light-medium and heavy crude oil categories, the discoveries/additions are only slightly augmented by tertiary recovery programs over the period 1991 to 2005.

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1 Energy Resources Conservation Board, 1988. ***Alberta Oil Supply, 1988-2003.*** ERCB Report 88-E. Calgary, Alberta.

TABLE 8-1 **Summary of Initial and Remaining Established Reserves of Conventional Crude Oil**
As of Each Year-end
millions of cubic metres

	1	2	3	4	5
Year	Initial Established		Production		Remaining Established
	Net Additions	Cumulative[a]	Annual	Cumulative[a]	
1956	82.0	554.1	22.8	105.7	448.4
1957	39.9	594.0	21.7	127.4	466.6
1958	1.4	595.4	17.9	145.2	450.2
1959	67.5	663.0	20.5	165.7	497.2
1960	48.6	711.6	20.7	186.6	525.0
1961	57.5	769.1	25.1	211.5	557.6
1962	44.0	813.5	26.2	237.9	575.6
1963	56.6	870.0	26.8	264.6	605.4
1964	348.5	1 218.5	27.9	292.4	926.1
1965	68.8	1 287.3	29.2	321.6	965.7
1966	140.8	1 428.1	32.2	353.9	1 074.2
1967	95.2	1 523.3	36.6	390.4	1 132.9
1968	119.8	1 643.1	39.8	430.3	1 212.8
1969	54.5	1 697.6	44.4	474.7	1 222.8
1970	36.7	1 734.3	51.7	526.5	1 207.9
1971	22.1	1 756.4	56.4	582.9	1 173.6
1972	20.0	1 776.5	67.4	650.0	1 126.0
1973	9.2	1 785.7	83.3	733.7	1 052.0
1974	38.5	1 824.1	79.0	812.7	1 011.5
1975	7.0	1 831.1	67.5	880.2	950.9
1976	-18.6	1 812.5	61.0	941.2	871.3
1977	19.1	1 831.6	60.4	1 001.6	830.0
1978	24.4	1 856.6	60.0	1 061.6	794.5
1979	34.3	1 890.3	68.5	1 130.1	760.2
1980	22.7	1 913.2	63.2	1 193.3	719.9
1981	32.6	1 945.8	56.5	1 249.8	696.0
1982	6.9	1 952.7	53.6	1 303.4	649.4
1983	64.1	2 016.8	55.6	1 359.0	657.8
1984	42.0	2 058.8	59.2	1 418.2	640.7
1985	64.0	2 122.8	56.2	1 474.5	648.5
1986	39.1	2 162.0	53.2	1 527.7	634.7
1987	33.0	2 195.0	53.9	1 581.6	613.8
1988	36.7	2 231.7	57.2	1 638.8	592.9
1989	21.4	2 253.1	53.8	1 692.6	560.5
1990	3.0	2 256.1	53.1	1 745.7	510.4
		(14.2)[b]			(3.2)[b]

a Discrepancies are due to rounding. Production figures may change as the result of future amendments to production reports.

b Imperial equivalent in billions of stock-tank barrels.

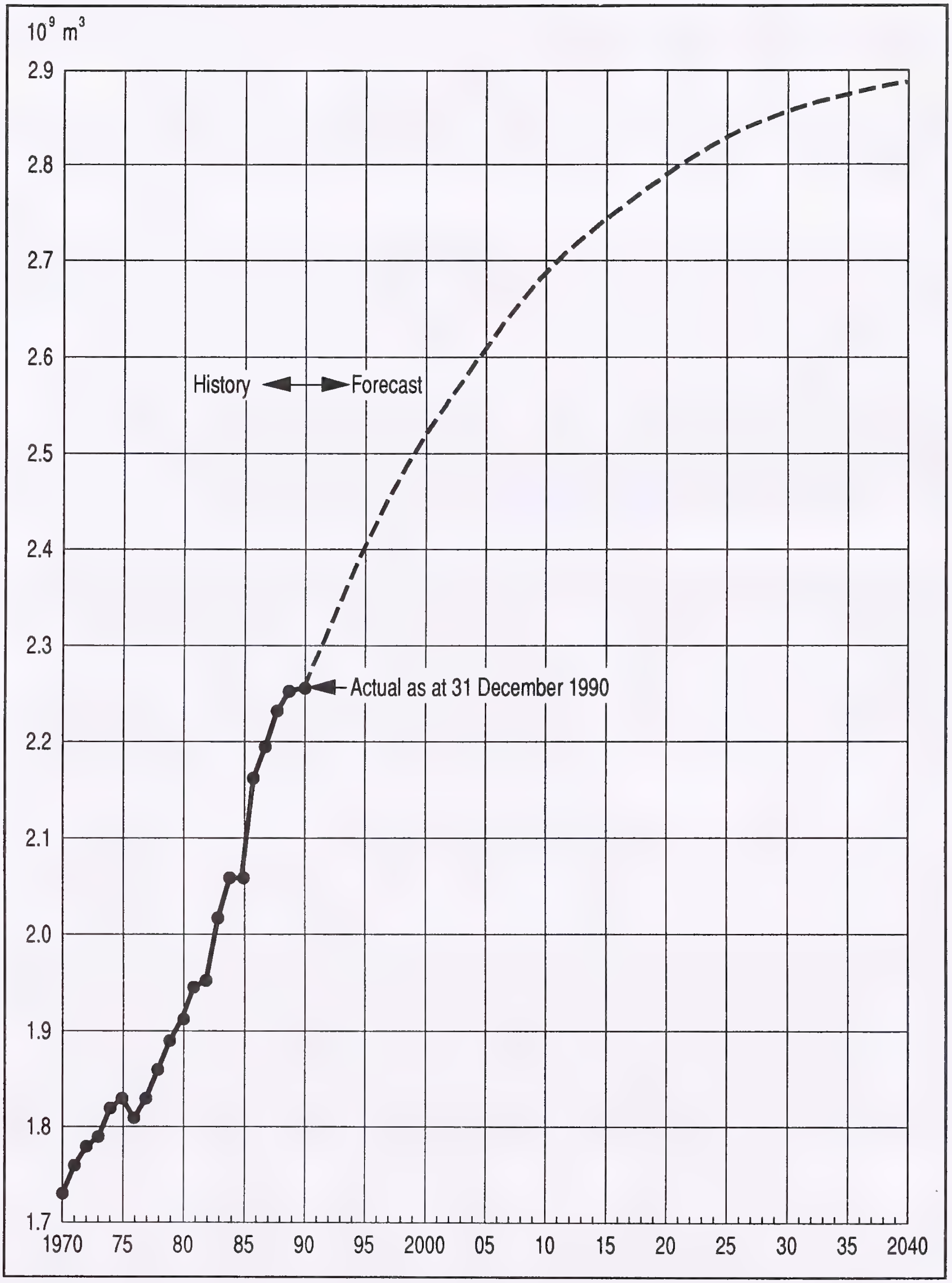

FIGURE 8-1 FORECAST GROWTH OF INITIAL ESTABLISHED RESERVES OF CONVENTIONAL CRUDE OIL

8.2 Crude Bitumen and Synthetic Crude Oil

The Board estimates the ultimate volume of crude bitumen in place to be 400 billion cubic metres, consisting of about 24 billion in deposits that may eventually be amenable to surface mining, and the remainder in deeper deposits that will require the use of in situ recovery or underground mining techniques.

Although drilling and log analyses have indicated the potential ultimate volume of crude bitumen in place to be some 400 billion cubic metres, knowledge of quality variations and those effects on recovery potential are still very limited. In addition, for some deposits, particularly carbonates, little experimentation has been carried out to establish the expected recovery factor for this type of resource. For these reasons, those portions of the in-place volumes for the Cretaceous sand and Paleozoic carbonate deposits, which will require the use of in situ recovery methods, were broken down into established and probable categories, and different recovery factors were applied to each category in establishing the ultimate potential of crude bitumen for the in situ areas. The recovery factors selected reflect the Board's current broad knowledge respecting the quality of the in-place reserves, the amount of experimentation done to date to establish recovery techniques, and a projection of improvements in those techniques in the future.

The ultimate potential of crude bitumen from Cretaceous sediments by in situ recovery methods are estimated to be some 33 billion cubic metres and from the carbonate sediments some 6 billion cubic metres. About 10 billion cubic metres are expected from within the surface-mineable boundary and represent the initial mineable volume in place after accounting for losses in mining and extraction and quantities inaccessible in environmental buffer zone areas. For current projects, it is also assumed that tailings ponds and discard sites will either be located on non-mineable areas or will be removed from the mineable areas in order to recover underlying economic mineable ore. The total initial ultimate potential amount of crude bitumen recoverable is therefore about 49 billion cubic metres.

The yield of synthetic crude oil (including butanes and heavier liquid product) from crude bitumen will vary with the upgrading technology used. Also, it will depend upon the extent to which external energy sources such as coal and natural gas are used to satisfy fuel requirements. The Board has revised the estimates of liquid yield expected from the upgrading and now considers an average yield factor of 1.0 cubic metres per cubic metre by volume can be achieved through the use of high conversion hydrogen addition upgrading technologies. However, in terms of ultimate synthetic crude oil reserves, hydrogen requirements would be extremely large, far exceeding estimated amounts that might be available by steam reforming of natural gas. Therefore, alternative sources of hydrogen such as from partial oxidation using coal, coke, or pitch residuum would have to be considered. Also, it is assumed that coal and natural gas may supply part of the fuel needs. On these assumptions, the ultimate potential amount of synthetic crude oil recoverable is estimated at 49 billion cubic metres with 10 billion attributable to surface mining and 39 billion to the in situ areas.

The relationship between the initial and remaining ultimate potential of crude bitumen is illustrated below:

	10^6 m^3
Initial Established	747
Cumulative Production	223
Remaining Established	524
Yet to Be Established	48 253
Ultimate Potential	49 000
Remaining Ultimate Potential	48 777

8.3 Marketable Gas

The Board is currently conducting a detailed review of Alberta's ultimate potential for gas and co-products, the results of which will be available later this year. Pending the results of this study, for the purposes of this report the Board restates its belief first established in 1987 that the ultimate potential for gas is in the range of 4200 to 5600 billion cubic metres, and for forecasting and administrative purposes, uses an estimate of 4800 billion cubic metres.

The relationship between the ultimate potential of marketable gas and the portion remaining to be recovered is illustrated below:

	10^9 m^3 at 37.4 MJ/m^3
Initial Established	3 380
Cumulative Production	1 686
Remaining Established	1 694
Yet to Be Established	1 420
Ultimate Potential	4 800
Remaining Ultimate Potential	3 114

Annual additions to established gas reserves averaged 80.0 billion cubic metres during the period 1956 to 1990 (Table 8-2, column 1). Reserve additions have fluctuated a great deal during this period because of changes in economic factors such as gas price, market opportunities, and drilling incentive programs, and also because of annual revisions of estimates of existing reserves.

The historical growth in booked reserves as shown in Figure 8-2 is, in the recent past, lower than during the late 1970s and early 1980s. However, the decrease may be exaggerated by downward adjustments of reserve estimates to correct for previous overestimates occurring historically.

The forecast of growth in initial established reserves shown in Figure 8-2 reflects the Board's estimate of ultimate potential of 4800 billion cubic metres. The Board anticipates that the reserves growth rate will increase to about 100 billion cubic metres per year by the mid-1990s and then gradually decline as opportunities for new discoveries diminish. While fluctuations in reserves growth during the forecast period will undoubtedly occur, the Board believes its forecast represents a reasonable scenario for use in forecasting and policy formulation.

TABLE 8-2 **Summary of Initial and Remaining Established Reserves of Marketable Gas**
As of Each Year-end
billions of cubic metres

	1	2	3	4	5	6
Year	Initial Established		Production		Remaining Established[a]	
	Additions	Cumulative[a]	Annual	Cumulative[a]	Actual[a]	37.4 MJ/m^3
1956	64.5	552.2	3.2	32.0	520.1	*
1957	64.9	617.1	3.8	35.8	581.7	*
1958	110.4	727.5	5.3	41.1	686.4	721.2
1959	88.5	816.0	7.1	48.2	767.8	809.8
1960	119.9	935.9	9.1	57.4	878.6	926.8
1961	13.3	949.2	11.9	69.3	879.9	930.5
1962	49.7	998.8	17.6	86.9	912.1	964.2
1963	35.8	1 034.7	19.6	106.5	928.2	980.0
1964	85.9	1 120.6	22.1	128.6	992.0	1 052.6
1965	89.7	1 210.4	24.2	152.8	1 057.6	1 129.6
1966	40.6	1 251.0	25.5	178.3	1 072.6	1 142.5
1967	73.9	1 324.9	27.5	205.8	1 119.1	1 189.6
1968	134.6	1 459.5	30.0	235.8	1 223.6	1 342.6
1969	87.5	1 547.0	37.8	273.6	1 273.4	1 342.6
1970	46.2	1 593.2	40.1	313.8	1 279.4	1 352.0
1971	45.4	1 638.6	48.5	362.3	2 276.3	1 346.9
1972	45.2	1 683.9	52.4	414.7	1 269.1	1 337.6
1973	183.3	1 867.2	56.0	470.7	1 396.6	1 464.5
1974	147.0	2 014.3	57.0	527.8	1 486.5	1 550.2
1975	20.8	2 035.1	56.6	584.3	1 450.8	1 512.8
1976	105.6	2 140.7	54.6	639.0	1 501.7	1 563.9
1977	127.6	2 268.2	61.0	700.0	1 568.3	1 630.3
1978	163.3	2 431.6	66.4	766.3	1 665.2	1 730.9
1979	123.2	2 554.7	70.0	836.4	1 718.4	1 783.1
1980	92.4	2 647.1	63.9	900.2	1 747.0	1 812.1
1981	117.0	2 764.1	68.6	968.8	1 795.3	1 864.8
1982	118.7	2 882.8	60.9	1 029.7	1 853.1	1 924.6
1983	39.0	2 921.8	66.0	1 095.6	1 826.2	1 898.7
1984	40.5	2 962.3	68.3	1 163.9	1 798.4	1 872.2
1985	42.6	3 004.9	72.8	1 236.7	1 768.3	1 840.0
1986	21.8	3 026.7	69.9	1 306.6	1 720.1	1 790.3
1987	0.0	3 026.7	68.4	1 375.0	1 651.7	1 713.7
1988	64.6	3 091.3	88.6	1 463.5	1 627.7	1 673.7
1989	107.8	3 199.0	85.8	1 549.3	1 648.7	1 698.2
1990	87.8	3 286.8	90.1	1 639.4	1 647.4	1 694.2
		(116.7)[b]			(58.5)[b]	(60.1)[b]

a Discrepancies are due to rounding.
b Imperial equivalent in trillions of cubic feet.
* Not available.

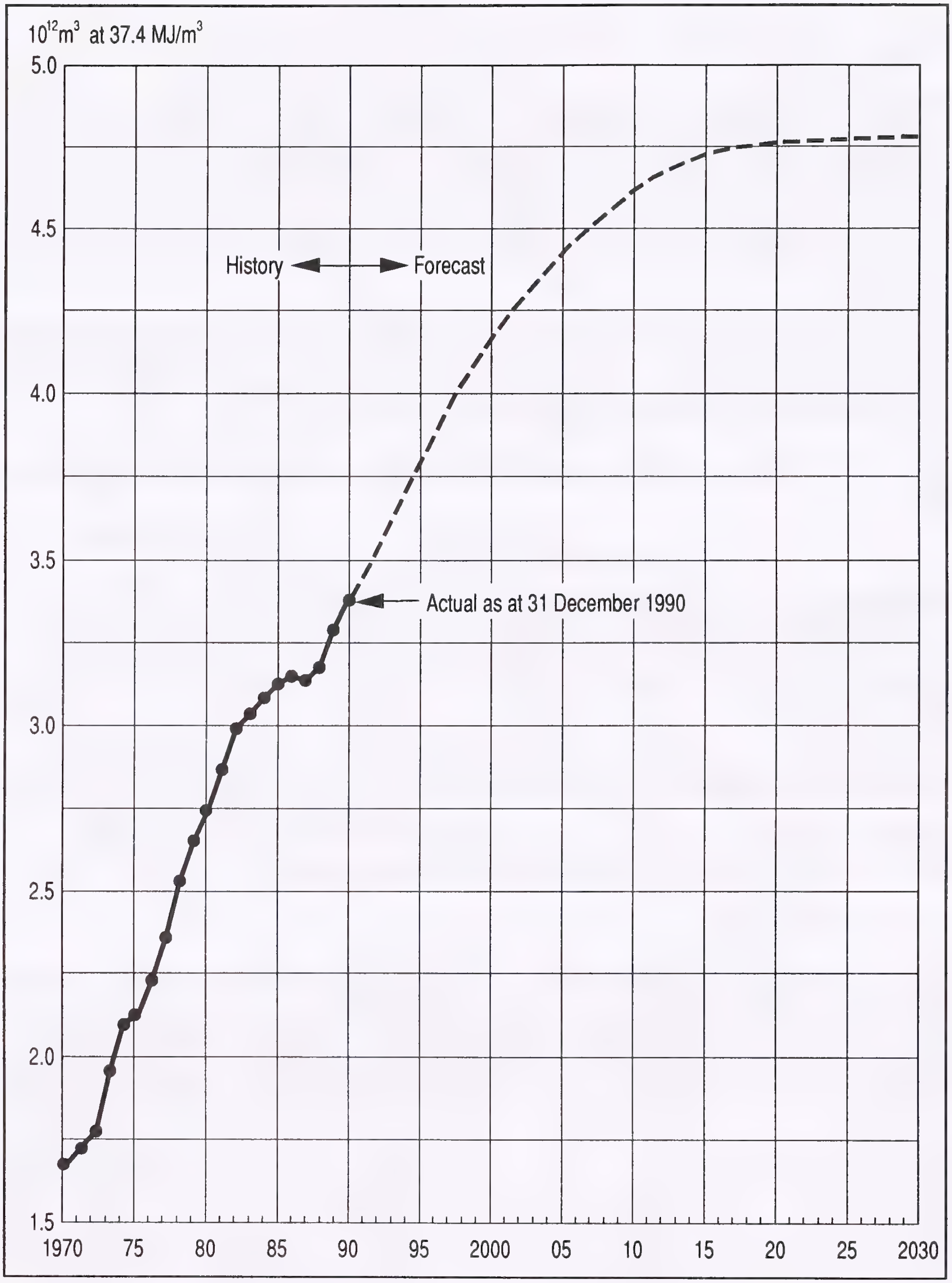

FIGURE 8-2 FORECAST GROWTH OF INITIAL ESTABLISHED RESERVES OF MARKETABLE GAS

8.4 Ethane

In 1988 the Board adopted a new methodology for use in determining the co-product (ethane, natural gas liquids, and sulphur) content of future gas discoveries. The province is divided into areas which are geologically similar and within which the gas reserves established to date are a significant portion of those likely to be found in future. The co-product content of the gas found to date is calculated for each area and it is assumed that future discoveries in each of the areas will have co-product contents similar to the established reserves. In this manner the average co-product content of all future gas reserves is calculated.

The Board estimates that the ethane content of marketable gas yet to be established will be 190 cubic metres of ethane liquid per million cubic metres of marketable gas. The Board's estimate of ultimate potential for ethane is derived by applying this ethane-to-gas ratio to its estimate of marketable gas yet to be established and adding the initial established reserves of ethane.

The reserves, production, and ultimate potential for the ethane contained in marketable gas are shown below:

	10^6 m^3 (liquid)
Initial Established	611.4
Cumulative Production	291.4
Remaining Established	320.0
Yet to Be Established	268.6
Ultimate Potential	880.0
Remaining Ultimate Potential	588.6

The Board estimates that at least 65 per cent of the ethane contained in the remaining ultimate potential of marketable gas could be practically and economically recovered.

8.5 Natural Gas Liquids

Utilizing the methodology described in Section 8.4, the Board estimates that the propane, butanes, and pentanes plus contents of marketable gas yet to be established will be 75, 45, and 85 cubic metres (liquid) per million cubic metres of marketable gas, respectively. The Board's estimate of ultimate potential for natural gas liquids is derived by applying these liquid-to-gas ratios to its estimate of marketable gas yet to be established and adding the initial established reserves of natural gas liquids.

The reserves, production, and ultimate potential of natural gas liquids are shown below:

	Propane	Butanes	Pentanes Plus
	10^6 m^3 (liquid)		
Initial Established	243.4	144.9	304.8
Cumulative Production	118.6	73.2	184.0
Remaining Established	124.8	71.7	120.8
Yet to Be Established	96.6	65.1	125.2
Ultimate Potential	340.0	210.0	430.0
Remaining Ultimate Potential	221.4	136.8	246.0

8.6 Sulphur

8.6.1 Sulphur from Gas

Utilizing the methodology described in Section 8.4, the Board estimates that the sulphur content of marketable gas yet to be established will be 70 tonnes per million cubic metres of marketable gas. The Board's estimate of ultimate potential for sulphur is derived by applying this sulphur-to-gas ratio to its estimate of marketable gas yet to be established and adding the initial established reserves of sulphur.

In addition to the sulphur recoverable from "conventional" gas, there is also sulphur potentially recoverable from ultra-high H_2S pools. The Board's estimate of the ultimate potential for sulphur from ultra-high H_2S pools is 40 million tonnes.

The reserves, production, and ultimate potential for sulphur are shown below:

	Conventional	Ultra-high H_2S	Total
	10^6 tonnes		
Initial Established	219.1	3.7	222.8
Cumulative Production	133.7	0.0	133.7
Remaining Established	85.4	3.7	89.1
Yet to Be Established	100.9	36.3	137.2
Ultimate Potential	320.0	40.0	360.0
Remaining Ultimate Potential	186.3	40.0	226.3

8.6.2 Sulphur from Crude Bitumen

The Board estimates the ultimate potential of sulphur in Alberta's recoverable crude bitumen to be some 2200 million tonnes at year-end in 1990. This estimate was derived by applying a recovery ratio of 45.8 tonnes of sulphur per thousand cubic metres of bitumen to the 1990 year-end ultimate potential of crude bitumen of some 49 billion cubic metres. In 1989 the recovery ratio was revised to reflect the use of high conversion hydrogen addition technologies for upgrading the crude bitumen. Such technologies result in a higher sulphur recovery than do the alternative carbon rejection technologies because more of the sulphur in the bitumen is converted to H_2S as opposed to being left in the upgrading residues. The ratio reflects the recovery expected at future plants. Some 5.1 million of the 2200 million tonnes expected have been produced to the 1990 year-end.

APPENDIX OIL, CRUDE BITUMEN, AND GAS DRILLING AND RESERVE GROWTH HISTORICAL DATA

This appendix presents historical data on the development of the oil and gas industry in Alberta and the annual additions to established reserves of crude oil, crude bitumen, and marketable gas to year-end 1990.

The text describing the data in Tables A-4 and A-5 should be considered carefully to avoid misinterpretation.

TABLE A-1

From 1956 to 1990 inclusive, 77 per cent of the development wells drilled in Alberta resulted in successful oil or gas wells compared to only 40 per cent for exploratory wells[1]. A few unsuccessful development wells were completed as water disposal and service wells.

Counts of crude bitumen wells have been tabulated from 1980 onward. Two types of crude bitumen development wells are shown, **Commercial** for those in commercial projects (including the Lindbergh Area), and **Experimental** for those in recovery-test schemes. Experimental wells are included in the development category because they are drilled into known oil sands deposits. Experimental well counts are not available prior to 1980. Up to 1983, commercial crude bitumen wells appear in the table in the oil well count.

Most of the crude bitumen exploratory wells are oil sands evaluation wells which are required to be abandoned. Also included are some exploratory wells licensed to obtain crude bitumen production. Oil sands evaluation wells also do not appear in any form in the table for the period prior to 1980.

During 1990, overall development and exploratory drilling increased a modest 4 per cent over the 1989 level but is still 28 per cent less than the average for the last 10 years. Gas development and exploratory drilling increased 22 and 24 per cent, respectively. Gas exploratory drilling exceeded the average for the last 10 years by 23 per cent and is at its highest level since 1981.

TABLE A-2

A somewhat better measure of exploratory and development activity is the distance drilled annually in each category. Since 1966, these data have been further categorized to also show the number of kilometres drilled for successful oil and gas wells. The information in Table A-2 is thus closely related to that in Table A-1.

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1 For the purposes of Tables A-1 and A-2, exploratory wells include deep pool tests, new pool wildcats, and new field wildcats. Outpost wells have been included in the development well totals.

TABLE A-1 **Development and Exploratory Wells**
number drilled annually, 1956–1990

	1	2	3	4	5
Year	**Development**				
	Successful				**Total**[a]
	Oil	**Crude Bitumen**		**Gas**	
		Commercial	**Experimental**		
1956	1 317	**	*	79	1 514
1957	818	**	*	73	1 020
1958	924	**	*	164	1 315
1959	834	**	*	164	1 170
1960	944	**	*	184	1 363
1961	741	**	*	231	1 188
1962	653	**	*	190	1 113
1963	803	**	*	186	1 255
1964	796	**	*	173	1 281
1965	843	**	*	155	1 366
1966	552	**	*	188	1 003
1967	506	**	*	190	953
1968	387	**	*	257	970
1969	324	**	*	311	901
1970	246	**	*	425	884
1971	269	**	*	489	1 085
1972	454	**	*	738	1 618
1973	480	**	*	961	1 970
1974	566	**	*	1 284	2 241
1975	597	**	*	1 443	2 408
1976	444	**	*	2 096	2 959
1977	530	**	*	1 941	2 813
1978	726	**	*	2 134	3 269
1979	984	**	*	2 352	3 892
1980	1 296	**	139	2 855	4 888
1981	1 107	**	173	2 173	4 006
1982	1 246	**	234	1 901	3 862
1983	1 907	**	268	836	3 457
1984	1 983	438	365	994	4 496
1985	2 343	980	270	1 694	6 288
1986	1 465	194	93	804	3 298
1987	1 865	377	144	712	3 865
1988	1 950	660	60	1 105	4 812
1989	995	38	28	823	2 451
1990	944	69	43	1 005	2 655

a Includes unsuccessful, service, and suspended wells.
b Includes oil sands evaluation wells and exploratory wells licensed to obtain crude bitumen production.
* Not available.
* Included in Oil.

6	7	8	9	10	11	12	13
Exploratory				Total			
Successful			Total[a]	Successful			Total[a]
Oil	Crude[b] Bitumen	Gas		Oil	Crude Bitumen	Gas	
51	*	59	384	1 368	*	138	1 898
56	*	52	428	874	*	125	1 448
35	*	63	404	959	*	227	1 719
43	*	78	432	877	*	242	1 602
41	*	92	403	985	*	276	1 766
42	*	113	423	783	*	344	1 611
35	*	82	484	688	*	272	1 597
65	*	89	502	868	*	275	1 757
65	*	90	570	861	*	263	1 851
76	*	85	705	919	*	240	2 071
62	*	69	634	614	*	257	1 637
135	*	84	693	641	*	274	1 646
162	*	130	936	549	*	387	1 906
138	*	122	972	462	*	433	1 873
55	*	183	963	301	*	608	1 847
93	*	202	940	362	*	691	2 025
55	*	252	1 058	509	*	990	2 676
101	*	413	1 543	581	*	1 374	3 513
69	*	384	1 248	635	*	1 668	3 489
67	*	428	1 238	664	*	1 871	3 646
108	*	1 005	2 082	552	*	3 101	5 041
172	*	1 011	2 317	702	*	2 952	5 130
218	*	956	2 304	944	*	3 090	5 573
266	*	825	1 888	1 250	*	3 177	5 780
310	354	1 040	2 653	1 606	*	3 895	7 541
318	857	883	2 865	1 425	*	3 056	6 871
317	221	510	1 719	1 563	*	2 411	5 581
335	68	255	1 245	2 242	*	1 091	4 702
407	126	278	1 661	2 390	929	1 272	6 157
436	588	238	2 175	2 779	1 838	1 932	8 463
271	168	167	1 199	1 736	455	971	4 497
300	105	217	1 305	2 165	626	929	5 170
322	277	374	1 793	2 272	997	1 479	6 605
247	245	437	1 678	1 242	311	1 260	4 129
258	122	541	1 643	1 202	234	1 546	4 298

TABLE A-2 Development and Exploratory Wells
kilometres drilled annually, 1956–1990

	1	2	3	4	5
Year	Development				
	Successful				Total[a]
	Oil	Crude Bitumen		Gas	
		Commercial	Experimental		
1956	*	**	*	*	2 411
1957	*	**	*	*	1 553
1958	*	**	*	*	1 842
1959	*	**	*	*	1 969
1960	*	**	*	*	2 426
1961	*	**	*	*	2 385
1962	*	**	*	*	2 032
1963	*	**	*	*	2 266
1964	*	**	*	*	2 235
1965	*	**	*	*	2 142
1966	921	**	*	79	1 567
1967	748	**	*	219	1 420
1968	539	**	*	391	1 360
1969	464	**	*	408	1 254
1970	347	**	*	448	1 107
1971	352	**	*	406	1 219
1972	636	**	*	547	1 669
1973	692	**	*	800	2 204
1974	749	**	*	907	2 237
1975	714	**	*	1 159	2 340
1976	593	**	*	1 173	2 983
1977	720	**	*	1 624	2 961
1978	995	**	*	1 691	3 408
1979	1 452	**	*	1 936	4 141
1980	1 839	**	80	2 557	5 309
1981	1 401	**	85	1 934	4 169
1982	1 804	**	103	1 521	4 116
1983	2 482	**	112	896	4 248
1984	2 935	257	203	999	5 603
1985	3 302	579	155	1 443	7 353
1986	2 200	117	47	850	4 550
1987	2 627	209	80	883	5 252
1988	2 555	376	38	1 249	6 081
1989	1 259	24	17	851	3 339
1990	1 259	46	32	1 032	3 660

a Includes unsuccessful, service, and suspended wells.
b Includes oil sands evaluation wells and exploratory wells licensed to obtain crude bitumen production.
c Discrepancies are due to rounding.
* Not available.
** Included in Oil.

6	7	8	9	10	11	12	13
Exploratory				**Total**			
Successful			**Total**[a]	**Successful**			**Total**[a]
Oil	**Crude**[b] **Bitumen**	**Gas**		**Oil**	**Crude Bitumen**	**Gas**	
*	*	*	665	*	*	*	3 077
*	*	*	724	*	*	*	2 278
*	*	*	712	*	*	*	2 554
*	*	*	725	*	*	*	2 694
*	*	*	737	*	*	*	3 163
*	*	*	724	*	*	*	3 109
*	*	*	744	*	*	*	2 776
*	*	*	723	*	*	*	2 989
*	*	*	917	*	*	*	3 152
*	*	*	1 038	*	*	*	3 180
95	*	107	958	1 016	*	84	2 526
208	*	95	996	957	*	314	2 416
244	*	198	1 386	783	*	589	2 746
206	*	164	1 410	670	*	572	2 667
83	*	208	1 295	431	*	656	2 402
126	*	218	1 227	477	*	624	2 446
83	*	280	1 402	719	*	828	3 071
112	*	404	1 650	805	*	1 204	3 854
92	*	410	1 419	841	*	1 318	3 655
87	*	423	1 309	801	*	1 582	3 649
139	*	846	1 892	732	*	2 619	4 875
178	*	1 016	2 288	897	*	2 640	5 250
300	*	1 219	2 718	1 295	*	2 910	6 126
450	*	1 256	2 771	1 902	*	3 192	6 912
494	71	1 550	3 261	2 333	151	4 107	8 570
473	124	1 202	2 810	1 874	209	3 136	6 979
493	27	603	1 920	2 297	130	2 124	6 036
472	11	338	1 528	2 954	123	1 234	5 776
511	19	362	1 846	3 446	479	1 361	7 449
584	96	300	1 975	3 886	829[c]	1 743	9 328
341	39	209	1 286	2 541	203	1 059	5 836
382	16	277	1 476	3 010[c]	305	1 160	6 728
373	65	414	1 797	2 928	479	1 663	7 877
300	32	482	1 623	1 558	74	1 332	4 963
269	18	523	1 507	1 528	96	1 555	5 167

TABLE A-3

In Table A-3, a completion event is counted as a well. Therefore, because some wellbores have more than one completion event, this table does not represent the actual number of wellbores in existence in each category listed.

Table A-3 shows the growth in the number of oil and gas wells operated. It excludes wells formerly capable but now abandoned.

Although the capped wells shown in column 5 have not been completed, many could be capable of production on short notice. In most cases, wells are capped until gathering or processing facilities are completed or the economics of production and marketing improves.

TABLE A-3 Completed and Capped Wells
cumulative totals, 1956–1990

Year	Oil Wells Completed		Gas Wells Completed		Capped Gas Wells[c]
	Capable[a]	Operated[b]	Capable[a]	Operated[b]	
1956	7 390	6 743	523	368	713
1957	8 016	7 136	585	422	766
1958	8 536	7 811	705	575	871
1959	9 217	8 281	830	681	981
1960	9 878	8 633	950	758	1 127
1961	10 529	8 938	1 088	894	1 314
1962	10 809	9 183	1 257	995	1 388
1963	11 437	9 217	1 437	1 213	1 466
1964	12 114	9 613	1 628	1 372	1 497
1965	12 771	8 736	1 800	1 502	1 515
1966	13 162	8 886	1 921	1 527	1 586
1967	13 473	9 116	2 065	1 647	1 666
1968	13 733	9 114	2 356	1 924	1 594
1969	13 897	9 381	2 692	2 194	1 601
1970	13 971	9 383	3 010	2 490	1 684
1971	14 065	9 467	3 426	2 830	1 801
1972	14 168	9 689	3 985	3 318	2 063
1973	14 368	10 028	4 536	3 769	2 551
1974	14 819	10 395	5 344	4 508	3 469
1975	15 177	10 708	6 670	5 704	3 935
1976	15 663	11 166	9 010	7 753	4 864
1977	16 224	11 592	12 529	10 806	6 023
1978	16 871	12 151	14 897	12 785	6 686
1979	17 673	12 805	17 173	14 760	8 268
1980	18 833	13 312	19 546	16 661	10 094
1981	20 072	14 243	22 611	18 797	11 593
1982	21 345	15 259	25 400	20 611	10 991
1983	23 182	16 694	27 125	21 881	10 835
1984	25 320	18 406	29 037	22 839	10 793
1985	27 830	19 957	30 255	24 424	10 957
1986	30 020	20 175	32 619	24 648	11 201
1987	31 929	22 347	33 570	25 453	11 292
1988	34 048	22 893	34 235	27 167	11 447
1989	36 890	24 139	35 431	27 051	11 551
1990	37 392	24 726	36 517	27 291	11 844

a Includes wells which had been placed on production and were either operated, suspended, or shut in during December of each year, including crude bitumen wells, but excludes events used for injection.

b The number of events produced during December of each year.

c The number of events drilled and never placed on production and reported by the operator as capped as of 31 December of each year.

TABLE A-4

Table A-4 supplements Table 8-1 and subdivides the annual net changes to established reserves of conventional crude oil into new discovery, re-evaluation, and enhanced-recovery categories. The method of subdividing the reserves has varied somewhat over the years; hence, some minor differences in annual additions may result from the change in method. Starting in 1981, re-evaluation of enhanced recovery schemes has been included under **Development and Re-evaluation** rather than **Enhanced Recovery**. As a result **Enhanced Recovery** now only represents commencement or expansion of enhanced recovery schemes. Since 1985 the development component has been shown separately under **Development and Re-evaluation**. Prior to this time data are not available to permit the separation of this component.

The established reserves attributed to new discoveries are subject to significant adjustment as the result of delineation drilling and performance in subsequent years. The trend in such adjustments has varied over the years. In the 1950s, adjustments were largely additions, whereas in the 1960s and 1970s, when pinnacle reefs were a popular exploratory target, many adjustments were negative. In the late 1980s, reassessment of light-medium pools resulted primarily in negative adjustments, whereas reassessment of heavy crude oil pools, especially those associated with aquifer systems, resulted mostly in positive adjustment.

TABLE A-5

Table A-5 shows annual net changes to established marketable gas reserves. Reserves are continually reviewed and re-evaluated, principally on the basis of new data and performance.

For the years prior to 1978, the new discovery total includes only those reserves having initial established reserves of marketable gas equal to or greater than 300 million cubic metres.

Commencing in 1979 the new discoveries which are not booked in the year of discovery but in the following year are not accounted for under new discoveries. This effect may lead to a substantial understatement in the discoveries column and an overstatement in the development column. Occasionally, the reverse might be true where established reserves classified as new discoveries in a given year later prove to be extensions of earlier discoveries and the pools are coalesced.

In view of the above, the distribution of reserves between new discoveries and development should be used with caution.

TABLE A-4 **Additions to Established Reserves of Conventional Crude Oil**
1956–1990
millions of cubic metres

Year	New Discoveries (Initial Year)	Development and Re-evaluation		Enhanced Recovery	Total
1956	3.5	78.5			82.0
1957	10.8	29.1			39.9
1958	1.3	– 4.8		4.9	1.4
1959	14.3	37.2		16.0	67.5
1960	0.5	29.9		18.1	48.6
1961	1.7	31.5		24.5	57.5
1962	2.9	21.8		19.9	44.0
1963	14.6	12.6		29.2	56.6
1964	9.5	88.2		250.8	348.5
1965	28.6	42.6		– 2.4	68.8
1966	89.1	13.5		38.3	140.8
1967	57.2	15.7		22.2	95.2
1968	62.0	14.8		42.9	119.8
1969	40.5	– 44.5		58.5	54.5
1970	8.4	– 7.6		36.1	36.7
1971	14.0	8.7		– 0.8	22.1
1972	10.8	– 5.6		14.8	20.0
1973	5.1	– 6.0		10.2	9.2
1974	4.3	3.3		30.8	38.5
1975	1.6	2.1		3.3	7.0
1976	2.5	5.9		– 27.0	–18.6
1977	4.8	5.1		9.2	19.1
1978	24.9	– 1.9		1.4	24.4
1979	19.2	10.3		4.8	34.3
1980	9.0	5.2		8.6	22.8
1981	15.0	10.4		7.2	32.6
1982	16.8	– 16.5		6.6	6.9
1983	21.4	24.8		17.9	64.1
1984	29.1	– 12.0		24.1	41.2
1985	32.7	9.7	(10.6)[a]	21.6	64.0
1986	28.6	– 14.1	(16.6)[a]	24.6	39.1
1987	20.9	1.6	(12.8)[a]	10.5	33.0
1988	17.7	2.5	(18.2)[a]	16.5	36.7
1989	17.0	– 3.4	(12.9)[a]	7.8	21.4
1990	12.8	– 18.2	(7.4)[a]	8.4	3.0

a Development component only.

TABLE A-5 **Additions to Established Reserves of Marketable Gas**
1956–1990
billions of cubic metres

Year	New Discoveries (Initial Year)	Development and Re-evaluation	Total
1956	*	*	64.5
1957	*	*	64.9
1958	*	*	110.4
1959	*	*	88.5
1960	18.2	101.7	119.9
1961	9.6	3.7	13.3
1962	8.7	41.0	49.7
1963	3.1	32.7	35.8
1964	7.2	78.7	85.9
1965	11.3	78.4	89.7
1966	2.1	38.6	40.7
1967	24.3	49.6	73.9
1968	15.3	119.3	134.6
1969	18.6	68.9	87.5
1970	7.6	38.7	46.2
1971	4.8	40.6	45.4
1972	12.5	32.8	45.2
1973	7.8	175.6	183.4
1974	8.6	138.4	147.0
1975	0.8	20.0	20.8
1976	6.9	98.7	105.6
1977	6.6	120.9	127.6
1978	24.4	138.9	163.3
1979	16.4	106.8	123.2
1980	30.0	62.5	92.4[a]
1981	28.9	88.1	117.0
1982	10.6	108.1	118.7
1983	16.3	22.7	39.0
1984	9.6	30.9	40.5
1985	11.5	31.1	42.6
1986	9.2	12.6	21.8
1987	8.9	-8.9	0.0
1988	13.9	50.7	64.6
1989	19.0	88.8	107.8
1990	28.0	59.8	87.8

a Discrepancies are due to rounding.
* Not available.

TABLE A-5 Additions to Established Reserves of Marketable Gas 1956–1990 billions of cubic metres

Year	New Discoveries (Initial Year)	Development and Re-evaluation	Total
1956	*	*	64.5
1957	*	*	64.9
1958	*	*	110.4
1959	*	*	88.5
1960	18.2	101.7	119.9
1961	9.6	3.7	13.3
1962	8.7	41.0	49.7
1963	3.1	32.7	35.8
1964	7.2	78.7	85.9
1965	11.3	78.4	89.7
1966	2.1	38.6	40.7
1967	24.3	49.6	73.9
1968	15.3	119.3	134.6
1969	18.6	68.9	87.5
1970	7.6	38.7	46.2
1971	4.8	40.6	45.4
1972	12.5	32.8	45.2
1973	7.8	175.6	183.4
1974	8.6	138.4	147.0
1975	0.8	20.0	20.8
1976	6.9	98.7	105.6
1977	6.6	120.9	127.6
1978	24.4	138.9	163.3
1979	16.4	106.8	123.2
1980	30.0	62.5	92.4[a]
1981	28.9	88.1	117.0
1982	10.6	108.1	118.7
1983	16.3	22.7	39.0
1984	9.6	30.9	40.5
1985	11.5	31.1	42.6
1986	9.2	12.6	21.8
1987	8.9	-8.9	0.0
1988	13.9	50.7	64.6
1989	19.0	88.8	107.8
1990	28.0	59.8	87.8

a Discrepancies are due to rounding.
* Not available.